

TABLES

FOR

ASCERTAINING THE STRENGTH OF SPIRITS

WITH

SIKES'S HYDROMETER;

WITH AN

Abstract of the Act of Parliament.

By JOSEPH LONG,

HYDROMETER MAKER, No 20, LITTLE TOWER STREET,
MANUFACTURER OF SIKES'S HYDROMETER.

BY AUTHORITY OF PARLIAMENT.

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THE
USE OF THE TABLES
FOR
ASCERTAINING THE CONCENTRATED STRENGTH
OF
SPIRITUOUS LIQUORS.

THESE Tables are constructed so that each opening is a Table, comprising all the strengths, from water to the strongest spirit that can be proved by the Hydrometer, at the degree of temperature mentioned at the top of each page, beginning at 30°, and ending at 80°, by Fahrenheit's Thermometer

In the columns marked Weights and Divisions on the stem, the numbers 10, 20, 30, &c. at the top, answer to the numbers on the weights. The numbers down the columns, under the respective weights, represent the numbers on the stem of the Hydrometer added to the weights; and the single numbers, 2, 4, 6, 8, &c., are tenths of divisions on the stem

The following examples will sufficiently explain the whole.

GENERAL INSTRUCTIONS WITH THE TABLES.

First pour a sample of the spirits intended to be tried in the Trial Glass, immerse the Thermometer, and note at what degree the quicksilver becomes stationed at, which is the temperature

of the spirits. Open the book of Tables at that same degree of temperature, then put a weight on the lower stem of the Hydrometer, and immerse it in the spirits, gently pressing it down to 0 on the stem, if it is the right weight it will float to some division on the upper stem note the division and add it to the weight applied, which is the Hydrometer weight of the spirits; then look in the Table, under the degree of temperature which the spirit is, for the number of the weight at the top of the column, look down that column for the division it floated to on the stem, facing which, in the next column, is the strength of the spirits, if the weight applied will not float the Hydrometer to 10 on the stem, it must be removed, and a heavier weight applied, if it floats deeper than 0 on the stem, a lighter weight must be applied

FOR THE STRENGTH BY THE TABLES.

EXAMPLES.

Suppose in 61° of temperature, the Hydrometer, with the weight 30 on the bottom, sinks to 5 on the stem, the weight of the spirit is 35, then having found the Table for temperature 64° , look down the columns for 35, the weight and division on stem, directly opposite will be found 31 per cent over proof; if the Hydrometer, without a weight, sinks to 7 on the stem, the weight becomes 7, then look in the column for 0; having found it, carry the eye down the column until it comes to 7, opposite to which will be found 60 per cent over proof, &c. &c

If in 50° of temperature, the Hydrometer, with the weight 60 on the bottom, sinks to 6 on the stem, find the table for temperature 50° , and having found 66, the weight and division, directly opposite will be found 8.1, which is 8 per cent. and one tenth under proof.

The lines dividing the columns, as at 61, show a spirit of that strength to be proof, therefore, all strengths preceding those lines are over proof, and those succeeding under proof, as may be seen at the top of each Table. The cap weight which goes on the top stem of the Hydrometer, shows the difference between water and proof spirit as described in the first clause of the Hydrometer Act; and if applied on the top, with the weight 60 on the bottom, will sink the Hydrometer in distilled water to the proof point on the edge of the stem at 51° of heat, the weight 60 sinking it to the same division in proof spirit at that degree of temperature

GENERAL INSTRUCTIONS FOR ASCERTAINING THE STRENGTH BY THE RULE.

First, find the temperature of the spirit, by immersing the Thermometer therein, and fix the sliding rule so that the fleur de-lis, or index, shall be opposite the same degree which the mercury rises or falls to, then put in the Hydrometer, and try which of the weights will sink it to one of the divisions upon the stem; add the number of the weight, and that of the division together, for the weight of the spirit, and, having found the weight and division which it floats to on the stem, upon the middle or sliding part of the Rule, directly opposite thereto, will be shown the exact strength.

EXAMPLES BY THE SLIDING RULE.

Suppose in 64° of heat, with the weight 30 on the bottom, the Hydrometer sinks to 5 upon the stem, the Rule being fixed so that the fleur de lis shall be opposite 64° on the Thermometer

Scale, then facing 35 will be found 81, which is the number of gallons in the 100 the spirit is above proof, if in 50° of heat, the Hydrometer, with the weight 70 on the bottom, sinks to 2 on the stem, the weight is 72, the Rule being fixed so that the fleur de lis shall be opposite 50° on the Thermometer scale, then facing 72 will be found 189, which is the number of gallons in the 100 the spirit is under proof, &c

N.B. The Sliding Rule contains only the most general strengths in request, therefore, for very strong or weak, spirits the Table must be referred to.

USE OF THE COMPARATIVE RULE,

WITH

SIKES' HYDROMETER

FOR

SHOWING THE COMPARATIVE VALUE, TAKING STOCKS, AND REDUCING
SPIRITS FROM ONE STRENGTH TO ANOTHER

THIS Rule shows on the side A B, the comparative value of spirits, and on the side C C C, the quantity of water requisite for reducing from one strength to another. Upon the middle or sliding part, the different strengths, from 70 per cent. under proof to 70 per cent. over proof, are laid down; and upon the side which shows the comparative value, the line A denotes shillings, from six to thirty shillings per gallon, and the

line B from one shilling and sixpence to eight shillings per gallon. The left of proof on this Rule is under proof, and the right is over proof.

EXAMPLES.

Suppose a spirit 20 per cent over proof, worth eighteen shillings per gallon, place the slide so that 20 per cent. over proof shall be facing eighteen shillings upon the line A, then opposite every other strength will be found the value in proportion thereto; proof will be worth fifteen shillings per gallon; 10 per cent. under proof thirteen and sixpence per gallon. Again, suppose 10 per cent. over proof worth twelve shillings and sixpence per gallon, place the slide so that 10 per cent. over proof shall be facing twelve shillings and sixpence upon the line A, then the comparative value of proof will be eleven shillings and fourpence halfpenny per gallon, "10 per cent under proof ten shillings and twopence three farthings, 20 per cent. under proof nine shillings and one penny per gallon. On the line B, if proof spirit cost five shillings per gallon, then 20 per cent. under proof will be worth four shillings per gallon, &c &c.

On the other side the lines C C, divided upon the upper part from 300 to 60, and below from 100 to 20, denote gallons to facilitate the reducing of casks. As an example, if 130 gallons of spirits, 40 per cent. over proof, are required to be reduced to proof, place the slide so that 40 per cent. over proof shall be opposite to 130, upon the upper line C, then facing proof upon the same line will be found 142, the number of gallons it is to be made up to. If 100 gallons of spirits, 20 per cent. over proof are to be reduced to 20 per cent. under proof, fix the Rule so that 20 per cent. over proof shall be opposite 100, then facing 20 per cent. under proof will be found 150, the quantity required. Again, if a cask of 120 gallons is to be filled with a spirit 35 per cent. under proof, place 30

per cent. under proof opposite 120, then the number of gallons of any superior strength, requisite to be put into cask, is immediately shown by inspection. If the spirits are ten per cent. under proof, facing 10 per cent. under will be found 93 gallons and one-third, the quantity required; if the spirits are proof, opposite proof will be found 84 gallons, the quantity requisite; if 20 per cent. over proof, 70 will be the quantity of spirits, &c. &c., the remainder to be made up with water

By this side of the Rule, stocks may be taken and charges estimated, by placing the strength opposite the quantity; then opposite the strength the stock is to be taken at, will be found the exact quantity of such spirit.

Suppose in 300 gallons of spirit, 50 per cent under proof, how many gallons of 28 under proof; place 50 on the slide to 300 on the upper line, then opposite to 28 per cent. under proof will be found 203, the number of gallons contained in 300 at that strength, &c. &c.: for lesser quantities than 20 gallons—100 can count for 10; 180 for 18; 90 for 9, &c., to any small quantity required.

The Hydrometer is fitted up either with Ivory or Boxwood Rules, or without Rules, at the option of the purchaser.

In the event of sending the Hydrometer from the Country, to be repaired or re-adjusted, it is advisable not to send the Thermometer (unless it is broken) as that part of the instrument is not required, and is the only one likely to get injured in the carriage.



TABLES

FOR

ASCERTAINING THE STRENGTH OF SPIRITS

WITH

SIKES'S HYDROMETER.

TEMPERATURE 30°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	—	10.	65.4	20.	56.3	30.	46.2	40.	31.9
.2	—	.2	65.2	.2	56.1	.2	46.0	.2	31.7
.4	—	.4	65.0	.4	55.9	.4	45.8	.4	31.4
.6	—	.6	61.9	.6	55.8	.6	45.6	.6	31.2
.8	—	.8	61.7	.8	55.6	.8	45.4	.8	33.0
1.	—	11.	64.5	21.	55.4	31.	45.2	41.	33.7
.2	—	.2	64.3	.2	55.2	.2	45.0	.2	33.5
.4	—	.4	64.1	.4	55.0	.4	44.8	.4	33.2
.6	—	.6	64.0	.6	54.8	.6	41.5	.6	33.0
.8	—	.8	63.8	.8	54.6	.8	44.3	.8	32.7
2.	—	12.	63.6	22.	54.1	32.	44.1	42.	32.5
.2	—	.2	63.4	.2	54.2	.2	43.9	.2	32.3
.4	—	.4	63.2	.4	54.0	.4	43.7	.4	32.0
.6	—	.6	63.1	.6	53.8	.6	43.1	.6	31.8
.8	—	.8	62.9	.8	53.6	.8	43.2	.8	31.5
3.	—	13.	62.7	23.	53.4	33.	43.0	43.	31.3
.2	—	.2	62.5	.2	53.2	.2	42.8	.2	31.0
.4	—	.4	62.3	.4	53.0	.4	42.6	.4	30.8
.6	—	.6	62.2	.6	52.8	.6	42.3	.6	30.5
.8	—	.8	62.0	.8	52.6	.8	42.1	.8	30.3
4.	—	14.	61.8	24.	52.4	34.	41.9	44.	30.0
.2	—	.2	61.6	.2	52.2	.2	41.7	.2	29.8
.4	—	.4	61.4	.4	52.0	.4	41.5	.4	29.5
.6	70.0	.6	61.3	.6	51.8	.6	41.2	.6	29.3
.8	69.8	.8	61.1	.8	51.6	.8	41.0	.8	29.0
5.	69.6	15.	60.9	25.	51.4	35.	40.8	45.	28.8
.2	69.4	.2	60.7	.2	51.2	.2	40.6	.2	28.5
.4	69.3	.4	60.5	.4	51.0	.4	40.3	.4	28.3
.6	69.1	.6	60.4	.6	50.8	.6	40.1	.6	28.0
.8	69.0	.8	60.2	.8	50.6	.8	39.9	.8	27.8
6.	68.8	16.	60.0	26.	50.4	36.	39.6	46.	27.5
.2	68.6	.2	59.8	.2	50.2	.2	39.4	.2	27.2
.4	68.4	.4	59.6	.4	50.0	.4	39.1	.4	26.9
.6	68.3	.6	59.5	.6	49.8	.6	38.9	.6	26.7
.8	68.1	.8	59.3	.8	49.6	.8	38.6	.8	26.4
7.	67.9	17.	59.1	27.	49.4	37.	38.4	47.	26.1
.2	67.7	.2	58.9	.2	49.2	.2	38.2	.2	25.8
.4	67.6	.4	58.7	.4	49.0	.4	37.9	.4	25.6
.6	67.4	.6	58.6	.6	48.7	.6	37.7	.6	25.3
.8	67.3	.8	58.4	.8	48.5	.8	37.4	.8	25.1
8.	67.1	18.	58.2	28.	48.3	38.	37.2	48.	21.8
.2	66.9	.2	58.0	.2	48.1	.2	37.0	.2	21.5
.4	66.7	.4	57.8	.4	47.9	.4	36.8	.4	21.3
.6	66.6	.6	57.7	.6	47.7	.6	36.5	.6	21.0
.8	66.4	.8	57.5	.8	47.5	.8	36.3	.8	23.8
9.	66.2	19.	57.3	29.	47.3	39.	36.1	49.	23.5
.2	66.0	.2	57.1	.2	47.1	.2	35.9	.2	23.2
.4	65.9	.4	56.9	.4	46.9	.4	35.6	.4	23.0
.6	65.7	.6	56.7	.6	46.6	.6	35.4	.6	22.7
.8	65.6	.8	56.5	.8	46.4	.8	35.1	.8	22.5
10.	65.4	20.	56.3	30.	46.2	40.	34.9	50.	22.2

TEMPERATURE 30°

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	22.2	60.	8.0	70.	8.3	80.	29.2	90.	66.8
.2	21.9	.2	7.7	.2	8.7	.2	29.7	.2	67.7
.4	21.7	.4	7.4	.4	9.0	.4	30.2	.4	68.0
.6	21.4	.6	7.1	.6	9.4	.6	30.7	.6	69.4
.8	21.2	.8	6.8	.8	9.7	.8	31.2	.8	70.3
51.	20.9	61.	6.5	71.	10.1	81.	31.7	91.	71.2
.2	20.6	.2	6.2	.2	10.5	.2	32.3	.2	72.1
.4	20.3	.4	5.9	.4	10.8	.4	32.8	.4	72.9
.6	20.1	.6	5.6	.6	11.2	.6	33.4	.6	73.8
.8	19.8	.8	5.3	.8	11.5	.8	33.9	.8	74.6
52.	19.5	62.	5.0	72.	11.9	82.	34.5	92.	75.5
.2	19.2	.2	4.7	.2	12.3	.2	35.1	.2	76.3
.4	18.9	.4	4.4	.4	12.7	.4	35.7	.4	77.1
.6	18.7	.6	4.0	.6	13.0	.6	36.3	.6	77.8
.8	18.4	.8	3.7	.8	13.4	.8	36.9	.8	78.6
53.	18.1	63.	3.4	73.	13.8	83.	37.5	93.	79.4
.2	17.8	.2	3.1	.2	14.2	.2	38.1	.2	80.1
.4	17.5	.4	2.8	.4	14.6	.4	38.7	.4	80.8
.6	17.3	.6	2.5	.6	15.0	.6	39.4	.6	81.5
.8	17.0	.8	2.2	.8	15.4	.8	40.0	.8	82.2
54.	16.7	64.	1.9	74.	15.8	84.	40.6	94.	82.9
.2	16.4	.2	1.6	.2	16.2	.2	41.3	.2	83.6
.4	16.1	.4	1.3	.4	16.6	.4	42.0	.4	84.3
.6	15.9	.6	.9	.6	17.0	.6	42.8	.6	84.9
.8	15.6	.8	.6	.8	17.4	.8	43.5	.8	85.6
55.	15.3	65.	.3	75.	17.8	85.	44.2	95.	86.3
.2	15.0	.2		.2	18.2	.2	44.9	.2	86.9
.4	14.7	.4	.4	.4	18.6	.4	45.7	.4	87.5
.6	14.5	.6	.7	.6	19.1	.6	46.4	.6	88.2
.8	14.2	.8	1.1	.8	19.5	.8	47.2	.8	88.8
56.	13.9	66.	1.4	76.	19.9	86.	47.9	96.	89.4
.2	13.6	.2	1.7	.2	20.3	.2	48.8	.2	90.0
.4	13.3	.4	2.1	.4	20.7	.4	49.6	.4	90.6
.6	13.1	.6	2.4	.6	21.2	.6	50.5	.6	91.1
.8	12.8	.8	2.8	.8	21.6	.8	51.3	.8	91.7
57.	12.5	67.	3.1	77.	22.0	87.	52.2	97.	92.3
.2	12.2	.2	3.4	.2	22.5	.2	53.2	.2	92.8
.4	11.9	.4	3.8	.4	22.9	.4	54.1	.4	93.4
.6	11.6	.6	4.1	.6	23.4	.6	55.1	.6	93.9
.8	11.3	.8	4.5	.8	23.8	.8	56.0	.8	94.5
58.	11.0	68.	4.8	78.	24.3	88.	57.0	98.	95.0
.2	10.7	.2	5.2	.2	24.8	.2	58.0	.2	95.5
.4	10.4	.4	5.5	.4	25.3	.4	59.0	.4	96.0
.6	10.1	.6	5.9	.6	25.7	.6	59.9	.6	96.6
.8	9.8	.8	6.2	.8	26.2	.8	60.9	.8	97.1
59.	9.5	69.	6.6	79.	26.7	89.	61.9	99.	97.6
.2	9.2	.2	6.9	.2	27.2	.2	62.9	.2	98.1
.4	8.9	.4	7.3	.4	27.7	.4	63.9	.4	98.6
.6	8.6	.6	7.6	.6	28.2	.6	64.8	.6	99.0
.8	8.3	.8	8.0	.8	28.7	.8	65.8	.8	99.5
60.	8.0	70.	8.3	80.	29.2	90.	66.8	100.	—

TEMPERATURE 31°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	—	10.	65.1	20.	56.0	30.	46.0	40.	34.6
.2	—	.2	64.9	.2	55.8	.2	45.8	.2	34.4
.4	—	.4	64.8	.4	55.6	.4	45.6	.4	34.2
.6	—	.6	61.6	.6	55.5	.6	45.3	.6	33.9
.8	—	.8	64.5	.8	55.3	.8	45.1	.8	33.7
1.	—	11.	64.3	21.	55.1	31.	44.9	41.	33.5
.2	—	.2	64.1	.2	54.9	.2	44.7	.2	33.2
.4	—	.4	63.9	.4	54.7	.4	44.5	.4	33.0
.6	—	.6	63.8	.6	54.5	.6	44.2	.6	32.7
.8	—	.8	63.6	.8	54.3	.8	44.0	.8	32.5
2.	—	12.	63.4	22.	54.1	32.	43.8	42.	32.3
.2	—	.2	63.2	.2	53.9	.2	43.6	.2	32.0
.4	—	.4	63.0	.4	53.7	.4	43.4	.4	31.7
.6	—	.6	62.9	.6	53.5	.6	43.1	.6	31.5
.8	—	.8	62.7	.8	53.3	.8	42.9	.8	31.2
3.	—	13.	62.5	23.	53.1	33.	42.7	43.	31.0
.2	—	.2	62.3	.2	52.9	.2	42.5	.2	30.7
.4	—	.4	62.1	.4	52.7	.4	42.3	.4	30.5
.6	—	.6	62.0	.6	52.6	.6	42.0	.6	30.2
.8	—	.8	61.8	.8	52.4	.8	41.8	.8	30.0
4.	—	14.	61.6	24.	52.2	34.	41.6	44.	29.7
.2	—	.2	61.4	.2	52.0	.2	41.4	.2	29.5
.4	69.9	.4	61.2	.4	51.8	.4	41.2	.4	29.2
.6	69.8	.6	61.1	.6	51.6	.6	40.9	.6	29.0
.8	69.6	.8	60.9	.8	51.4	.8	40.7	.8	28.7
5.	69.4	15.	60.7	25.	51.2	35.	40.5	45.	28.5
.2	69.2	.2	60.5	.2	51.0	.2	40.3	.2	28.2
.4	69.0	.4	60.3	.4	50.8	.4	40.1	.4	28.0
.6	68.9	.6	60.2	.6	50.5	.6	39.8	.6	27.7
.8	68.7	.8	60.0	.8	50.3	.8	39.6	.8	27.5
6.	68.5	16.	59.8	26.	50.1	36.	39.4	46.	27.2
.2	68.3	.2	59.6	.2	49.9	.2	39.1	.2	26.9
.4	68.2	.4	59.4	.4	49.7	.4	38.9	.4	26.7
.6	68.0	.6	59.3	.6	49.5	.6	38.6	.6	26.4
.8	67.9	.8	59.1	.8	49.3	.8	38.4	.8	26.2
7.	67.7	17.	58.9	27.	49.1	37.	38.1	47.	25.9
.2	67.5	.2	58.7	.2	48.9	.2	37.9	.2	25.6
.4	67.3	.4	58.5	.4	48.7	.4	37.7	.4	25.4
.6	67.2	.6	58.4	.6	48.5	.6	37.4	.6	25.1
.8	67.0	.8	58.2	.8	48.3	.8	37.2	.8	24.9
8.	66.8	18.	58.0	28.	48.1	38.	37.0	48.	24.6
.2	66.6	.2	57.8	.2	47.9	.2	36.8	.2	24.3
.4	66.5	.4	57.6	.4	47.7	.4	36.6	.4	24.0
.6	66.3	.6	57.4	.6	47.4	.6	36.3	.6	23.8
.8	66.2	.8	57.2	.8	47.2	.8	36.1	.8	23.5
9.	66.0	19.	57.0	29.	47.0	39.	35.9	49.	23.2
.2	65.8	.2	56.8	.2	46.8	.2	35.6	.2	22.9
.4	65.6	.4	56.6	.4	46.6	.4	35.4	.4	22.7
.6	65.5	.6	56.4	.6	46.4	.6	35.1	.6	22.4
.8	65.3	.8	56.2	.8	46.2	.8	34.9	.8	22.2
10.	65.1	20.	56.0	30.	46.0	40.	34.6	50.	21.9

TEMPERATURE 31°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	21.9	60.	7.7	70.	8.6	80.	29.5	90.	66.9
.2	21.6	.2	7.4	.2	9.0	.2	30.0	.2	67.6
.4	21.3	.4	7.1	.4	9.3	.4	30.5	.4	68.7
.6	21.1	.6	6.8	.6	9.7	.6	31.1	.6	69.5
.8	20.8	.8	6.5	.8	10.0	.8	31.6	.8	70.4
51.	20.5	61.	6.2	71.	10.4	81.	32.1	91.	71.3
.2	20.2	.2	5.9	.2	10.8	.2	32.6	.2	72.2
.4	20.0	.4	5.6	.4	11.2	.4	33.2	.4	73.0
.6	19.7	.6	5.3	.6	11.5	.6	33.7	.6	73.9
.8	19.5	.8	5.0	.8	11.9	.8	34.3	.8	74.7
52.	19.2	62.	4.7	72.	12.3	82.	34.8	92.	75.6
.2	18.9	.2	4.4	.2	12.7	.2	35.4	.2	76.4
.4	18.7	.4	4.1	.4	13.1	.4	36.0	.4	77.1
.6	18.4	.6	3.8	.6	13.4	.6	36.6	.6	77.9
.8	18.2	.8	3.5	.8	13.8	.8	37.2	.8	78.6
53.	17.9	63.	3.2	73.	14.2	83.	37.8	93.	79.4
.2	17.6	.2	2.9	.2	14.6	.2	38.4	.2	80.1
.4	17.3	.4	2.6	.4	15.0	.4	39.0	.4	80.8
.6	17.0	.6	2.2	.6	15.3	.6	39.7	.6	81.6
.8	16.7	.8	1.9	.8	15.7	.8	40.3	.8	82.3
54.	16.4	64.	1.6	74.	16.1	84.	40.9	94.	83.0
.2	16.1	.2	1.3	.2	16.5	.2	41.6	.2	83.7
.4	15.8	.4	.9	.4	16.9	.4	42.3	.4	84.3
.6	15.6	.6	.6	.6	17.4	.6	43.1	.6	85.0
.8	15.3	.8	.2	.8	17.8	.8	43.8	.8	85.6
55.	15.0	65.	.1	75.	18.2	85.	44.5	95.	86.3
.2	14.7	.2	.4	.2	18.6	.2	45.2	.2	86.1
.4	14.4	.4	.7	.4	19.0	.4	46.0	.4	87.5
.6	14.2	.6	1.1	.6	19.5	.6	46.7	.6	88.2
.8	13.9	.8	1.4	.8	19.9	.8	47.5	.8	88.8
56.	13.6	66.	1.7	76.	20.3	86.	48.2	96.	89.4
.2	13.3	.2	2.0	.2	20.7	.2	49.1	.2	90.0
.4	13.0	.4	2.4	.4	21.1	.4	49.9	.4	90.6
.6	12.7	.6	2.7	.6	21.6	.6	50.8	.6	91.1
.8	12.4	.8	3.1	.8	22.0	.8	51.6	.8	91.7
57.	12.1	67.	3.4	77.	22.4	87.	52.5	97.	92.3
.2	11.8	.2	3.7	.2	22.9	.2	53.5	.2	92.8
.4	11.5	.4	4.1	.4	23.3	.4	54.4	.4	93.4
.6	11.3	.6	4.4	.6	23.8	.6	55.4	.6	93.9
.8	11.0	.8	4.8	.8	24.2	.8	56.3	.8	94.5
58.	10.7	68.	5.1	78.	24.7	88.	57.3	98.	95.0
.2	10.4	.2	5.5	.2	25.2	.2	58.3	.2	95.5
.4	10.1	.4	5.8	.4	25.6	.4	59.3	.4	96.0
.6	9.8	.6	6.2	.6	26.1	.6	60.2	.6	96.6
.8	9.5	.8	6.5	.8	26.5	.8	61.2	.8	97.1
59.	9.2	69.	6.9	79.	27.0	89.	62.3	99.	97.6
.2	8.9	.2	7.2	.2	27.5	.2	63.1	.2	98.1
.4	8.6	.4	7.6	.4	28.0	.4	64.1	.4	98.6
.6	8.3	.6	7.9	.6	28.5	.6	65.0	.6	99.0
.8	8.0	.8	8.3	.8	29.0	.8	66.0	.8	99.5
60.	7.7	70.	8.6	80.	29.5	90.	66.9	100.	—

TEMPERATURE 32°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	—	10.	64.9	20.	55.8	30.	45.7	40.	34.4
.2	—	.2	64.7	.2	55.6	.2	45.5	.2	34.2
.4	—	.4	64.5	.4	55.4	.4	45.3	.4	33.9
.6	—	.6	64.4	.6	55.2	.6	45.0	.6	33.7
.8	—	.8	64.2	.8	55.0	.8	44.8	.8	33.4
1.	—	11.	64.0	21.	54.8	31.	44.6	41.	33.2
.2	—	.2	63.8	.2	54.6	.2	44.4	.2	32.9
.4	—	.4	63.6	.4	54.4	.4	44.2	.4	32.7
.6	—	.6	63.5	.6	54.3	.6	43.9	.6	32.1
.8	—	.8	63.3	.8	54.1	.8	43.7	.8	32.2
2.	—	12.	63.1	22.	53.9	32.	43.5	42.	31.9
.2	—	.2	62.9	.2	53.7	.2	43.3	.2	31.7
.4	—	.4	62.7	.4	53.5	.4	43.1	.4	31.4
.6	—	.6	62.6	.6	53.3	.6	42.8	.6	31.2
.8	—	.8	62.4	.8	53.1	.8	42.6	.8	30.9
3.	—	13.	62.2	23.	52.9	33.	42.4	43.	30.7
.2	—	.2	62.0	.2	52.7	.2	42.2	.2	30.4
.4	—	.4	61.9	.4	52.5	.4	42.0	.4	30.2
.6	—	.6	61.7	.6	52.3	.6	41.7	.6	29.9
.8	—	.8	61.6	.8	52.1	.8	41.5	.8	29.7
4.	70.0	14.	61.4	24.	51.9	34.	41.3	44.	29.4
.2	69.8	.2	61.2	.2	51.7	.2	41.1	.2	29.2
.4	69.6	.4	61.0	.4	51.5	.4	40.9	.4	28.9
.6	69.5	.6	60.9	.6	51.4	.6	40.6	.6	28.7
.8	69.3	.8	60.7	.8	51.2	.8	40.4	.8	28.4
5.	69.1	15.	60.5	25.	51.0	35.	40.2	45.	28.2
.2	68.9	.2	60.3	.2	50.8	.2	40.0	.2	27.9
.4	68.8	.4	60.1	.4	50.6	.4	39.8	.4	27.7
.6	68.6	.6	60.0	.6	50.3	.6	39.5	.6	27.4
.8	68.5	.8	59.8	.8	50.1	.8	39.3	.8	27.2
6.	68.3	16.	59.6	26.	49.9	36.	39.1	46.	26.9
.2	68.1	.2	59.4	.2	49.7	.2	38.9	.2	26.6
.4	67.9	.4	59.2	.4	49.5	.4	38.6	.4	26.1
.6	67.8	.6	59.0	.6	49.3	.6	38.4	.6	26.1
.8	67.6	.8	58.8	.8	49.1	.8	38.1	.8	25.9
7.	67.4	17.	58.6	27.	48.9	37.	37.9	47.	25.6
.2	67.2	.2	58.4	.2	48.7	.2	37.7	.2	25.3
.4	67.1	.4	58.2	.4	48.5	.4	37.4	.4	25.1
.6	66.9	.6	58.1	.6	48.2	.6	37.2	.6	21.8
.8	66.8	.8	57.9	.8	48.0	.8	36.9	.8	24.6
8.	66.6	18.	57.7	28.	47.8	38.	36.7	48.	24.3
.2	66.4	.2	57.5	.2	47.6	.2	36.5	.2	24.0
.4	66.3	.4	57.3	.4	47.4	.4	36.3	.4	23.8
.6	66.1	.6	57.2	.6	47.1	.6	36.0	.6	23.5
.8	66.0	.8	57.0	.8	46.9	.8	35.8	.8	23.3
9.	65.8	19.	56.8	29.	46.7	39.	35.6	49.	23.0
.2	65.6	.2	56.6	.2	46.5	.2	35.4	.2	22.7
.4	65.4	.4	56.4	.4	46.3	.4	35.1	.4	22.4
.6	65.3	.6	56.2	.6	46.1	.6	34.9	.6	22.2
.8	65.1	.8	56.0	.8	45.9	.8	34.6	.8	21.9
10.	64.9	20.	55.8	30.	45.7	40.	34.4	50.	21.6

TEMPERATURE 32°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	21.6	60.	7.4	70.	9.0	80.	29.9	90.	67.1
.2	21.3	.2	7.1	.2	9.4	.2	30.4	.2	68.0
.4	21.0	.4	6.8	.4	9.7	.4	30.9	.4	68.9
.6	20.8	.6	6.5	.6	10.1	.6	31.4	.6	69.7
.8	20.5	.8	6.2	.8	10.4	.8	31.9	.8	70.6
51.	20.2	61.	5.9	71.	10.8	81.	32.4	91.	71.5
.2	19.9	.2	5.6	.2	11.2	.2	33.0	.2	72.3
.4	19.7	.4	5.3	.4	11.5	.4	33.5	.4	73.1
.6	19.4	.6	5.0	.6	11.9	.6	34.1	.6	74.0
.8	19.2	.8	4.7	.8	12.2	.8	34.6	.8	74.8
52.	18.9	62.	4.4	72.	12.6	82.	35.2	92.	75.6
.2	18.6	.2	4.1	.2	13.0	.2	35.8	.2	76.4
.4	18.3	.4	3.8	.4	13.4	.4	36.4	.4	77.2
.6	18.1	.6	3.4	.6	13.7	.6	36.9	.6	77.9
.8	17.8	.8	3.1	.8	14.1	.8	37.5	.8	78.7
53.	17.5	63.	2.8	73.	14.5	83.	38.1	93.	79.5
.2	17.2	.2	2.5	.2	14.9	.2	38.7	.2	80.2
.4	16.9	.4	2.2	.4	15.3	.4	39.4	.4	80.9
.6	16.7	.6	1.8	.6	15.6	.6	40.0	.6	81.6
.8	16.4	.8	1.5	.8	16.0	.8	40.7	.8	82.3
54.	16.1	64.	1.2	74.	16.4	84.	41.3	94.	83.0
.2	15.8	.2	.9	.2	16.8	.2	42.0	.2	83.7
.4	15.5	.4	.6	.4	17.2	.4	42.7	.4	84.3
.6	15.3	.6	.2	.6	17.7	.6	43.5	.6	85.0
.8	15.0	.8	.1	.8	18.1	.8	44.2	.8	85.6
55.	14.7	65.	.4	75.	18.5	85.	44.9	95.	86.3
.2	14.4	.2	.7	.2	18.9	.2	45.6	.2	86.9
.4	14.1	.4	1.0	.4	19.3	.4	46.4	.4	87.5
.6	13.8	.6	1.4	.6	19.8	.6	47.1	.6	88.2
.8	13.5	.8	1.7	.8	20.2	.8	47.9	.8	88.8
56.	13.2	66.	2.0	76.	20.6	86.	48.6	96.	89.4
.2	12.9	.2	2.3	.2	21.0	.2	49.5	.2	90.0
.4	12.6	.4	2.7	.4	21.4	.4	50.3	.4	90.5
.6	12.4	.6	3.0	.6	21.9	.6	51.2	.6	91.1
.8	12.1	.8	3.4	.8	22.3	.8	52.0	.8	91.6
57.	11.8	67.	3.7	77.	22.7	87.	52.9	97.	92.2
.2	11.5	.2	4.0	.2	23.2	.2	53.9	.2	92.8
.4	11.2	.4	4.4	.4	23.6	.4	54.8	.4	93.3
.6	11.0	.6	4.7	.6	24.1	.6	55.8	.6	93.9
.8	10.7	.8	5.1	.8	24.5	.8	56.7	.8	94.4
58.	10.4	68.	5.4	78.	25.0	88.	57.7	98.	95.0
.2	10.1	.2	5.8	.2	25.5	.2	58.7	.2	95.5
.4	9.8	.4	6.1	.4	26.0	.4	59.6	.4	96.0
.6	9.5	.6	6.5	.6	26.4	.6	60.6	.6	96.5
.8	9.2	.8	6.8	.8	26.9	.8	61.5	.8	97.0
59.	8.9	69.	7.2	79.	27.4	89.	62.5	99.	97.5
.2	8.6	.2	7.6	.2	27.9	.2	63.4	.2	98.0
.4	8.3	.4	7.9	.4	28.4	.4	64.3	.4	98.5
.6	8.0	.6	8.3	.6	28.9	.6	65.3	.6	99.0
.8	7.7	.8	8.6	.8	29.4	.8	66.2	.8	99.5
60.	7.4	70.	9.0	80.	29.9	90.	67.1	100.	100.0

TEMPERATURE 33°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	—	10.	64.6	20.	55.5	30.	45.5	40.	34.1
.2	—	.2	64.4	.2	55.3	.2	45.3	.2	33.9
.4	—	.4	64.3	.4	55.1	.4	45.1	.4	33.6
.6	—	.6	64.1	.6	55.0	.6	44.8	.6	33.4
.8	—	.8	64.0	.8	54.8	.8	44.6	.8	33.1
1.	—	11.	63.8	21.	54.6	31.	44.4	41.	32.9
.2	—	.2	63.6	.2	54.4	.2	44.2	.2	32.6
.4	—	.4	63.4	.4	54.2	.4	44.0	.4	32.4
.6	—	.6	63.3	.6	54.1	.6	43.7	.6	32.1
.8	—	.8	63.1	.8	53.9	.8	43.5	.8	31.9
2.	—	12.	62.9	22.	53.7	32.	43.3	42.	31.6
.2	—	.2	62.7	.2	53.5	.2	43.1	.2	31.4
.4	—	.4	62.5	.4	53.3	.4	42.8	.4	31.1
.6	—	.6	62.4	.6	53.1	.6	42.6	.6	30.9
.8	—	.8	62.2	.8	52.9	.8	42.3	.8	30.6
3.	—	13.	62.0	23.	52.7	33.	42.1	43.	30.4
.2	—	.2	61.8	.2	52.5	.2	41.9	.2	30.1
.4	—	.4	61.6	.4	52.3	.4	41.7	.4	29.9
.6	—	.6	61.5	.6	52.1	.6	41.4	.6	29.6
.8	70.0	.8	61.3	.8	51.9	.8	41.2	.8	29.4
4.	69.8	14.	61.1	24.	51.7	34.	41.0	44.	29.1
.2	69.6	.2	60.9	.2	51.5	.2	40.8	.2	28.9
.4	69.4	.4	60.7	.4	51.3	.4	40.6	.4	28.6
.6	69.3	.6	60.6	.6	51.1	.6	40.4	.6	28.4
.8	69.1	.8	60.4	.8	50.9	.8	40.2	.8	28.1
5.	68.9	15.	60.2	25.	50.7	35.	40.0	45.	27.9
.2	68.7	.2	60.0	.2	50.5	.2	39.8	.2	27.6
.4	68.6	.4	59.8	.4	50.3	.4	39.5	.4	27.4
.6	68.4	.6	59.7	.6	50.1	.6	39.3	.6	27.1
.8	68.3	.8	59.5	.8	49.9	.8	39.0	.8	26.9
6.	68.1	16.	59.3	26.	49.7	36.	38.8	46.	26.6
.2	67.9	.2	59.1	.2	49.5	.2	38.6	.2	26.3
.4	67.7	.4	58.9	.4	49.3	.4	38.3	.4	26.1
.6	67.6	.6	58.8	.6	49.1	.6	38.1	.6	25.8
.8	67.4	.8	58.6	.8	48.9	.8	37.8	.8	25.6
7.	67.2	17.	58.4	27.	48.7	37.	37.6	47.	25.3
.2	67.0	.2	58.2	.2	48.5	.2	37.4	.2	25.0
.4	66.9	.4	58.0	.4	48.2	.4	37.1	.4	24.8
.6	66.7	.6	57.8	.6	48.0	.6	36.9	.6	24.5
.8	66.6	.8	57.6	.8	47.7	.8	36.6	.8	24.3
8.	66.4	18.	57.4	28.	47.5	38.	36.4	48.	24.0
.2	66.2	.2	57.2	.2	47.3	.2	36.2	.2	23.7
.4	66.0	.4	57.0	.4	47.1	.4	36.0	.4	23.5
.6	65.9	.6	56.9	.6	46.9	.6	35.7	.6	23.2
.8	65.7	.8	56.7	.8	46.7	.8	35.5	.8	23.0
9.	65.5	19.	56.5	29.	46.5	39.	35.3	49.	22.7
.2	65.3	.2	56.3	.2	46.3	.2	35.1	.2	22.4
.4	65.1	.4	56.1	.4	46.1	.4	34.8	.4	22.1
.6	65.0	.6	55.9	.6	45.9	.6	34.6	.6	21.9
.8	64.8	.8	55.7	.8	45.7	.8	34.3	.8	21.6
10.	64.6	20.	55.5	30.	45.5	40.	34.1	50.	21.3

TEMPERATURE 33°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Div. on Stem.	Per Cent. under Proof.
50.	21.3	60.	7.1	70.	9.3	80.	30.2	90.	67.3
.2	21.0	.2	6.8	.2	9.7	.2	30.7	.2	68.2
.4	20.7	.4	6.5	.4	10.0	.4	31.2	.4	69.0
.6	20.5	.6	6.1	.6	10.4	.6	31.8	.6	69.9
.8	20.2	.8	5.8	.8	10.7	.8	32.3	.8	70.7
51.	19.9	61.	5.5	71.	11.1	81.	32.8	91.	71.6
.2	19.6	.2	5.2	.2	11.5	.2	33.4	.2	72.1
.4	19.4	.4	4.9	.4	11.8	.4	33.9	.4	73.2
.6	19.1	.6	4.6	.6	12.2	.6	34.5	.6	74.1
.8	18.9	.8	4.3	.8	12.5	.8	35.0	.8	74.9
52.	18.6	62.	4.0	72.	12.9	82.	35.6	92.	75.7
.2	18.3	.2	3.7	.2	13.3	.2	36.2	.2	76.5
.4	18.0	.4	3.4	.4	13.7	.4	36.8	.4	77.2
.6	17.8	.6	3.1	.6	14.0	.6	37.3	.6	78.0
.8	17.5	.8	2.8	.8	14.4	.8	37.9	.8	78.7
53.	17.2	63.	2.5	73.	14.8	83.	38.5	93.	79.5
.2	16.9	.2	2.2	.2	15.2	.2	39.1	.2	80.2
.4	16.6	.4	1.9	.4	15.6	.4	39.7	.4	80.9
.6	16.4	.6	1.5	.6	16.0	.6	40.4	.6	81.6
.8	16.1	.8	1.2	.8	16.4	.8	41.0	.8	82.3
54.	15.8	64.	.9	74.	16.8	84.	41.6	94.	83.0
.2	15.5	.2	.6	.2	17.2	.2	42.3	.2	83.7
.4	15.2	.4	.2	.4	17.6	.4	43.0	.4	84.3
.6	15.0	.6	.1	.6	18.0	.6	43.8	.6	85.0
.8	14.7	.8	.5	.8	18.4	.8	44.5	.8	85.6
55.	14.4	65.	.8	75.	18.8	85.	45.2	95.	86.3
.2	14.1	.2	1.1	.2	19.2	.2	45.9	.2	86.9
.4	13.8	.4	1.4	.4	19.7	.4	46.7	.4	87.5
.6	13.5	.6	1.8	.6	20.1	.6	47.4	.6	88.2
.8	13.2	.8	2.1	.8	20.6	.8	48.2	.8	88.8
56.	12.9	66.	2.4	76.	21.0	86.	48.9	96.	89.4
.2	12.6	.2	2.7	.2	21.4	.2	49.8	.2	90.0
.4	12.3	.4	3.1	.4	21.8	.4	50.7	.4	90.5
.6	12.1	.6	3.4	.6	22.3	.6	51.5	.6	91.1
.8	11.8	.8	3.8	.8	22.7	.8	52.4	.8	91.6
57.	11.5	67.	4.1	77.	23.1	87.	53.3	97.	92.2
.2	11.2	.2	4.4	.2	23.5	.2	54.2	.2	92.8
.4	10.9	.4	4.8	.4	24.0	.4	55.2	.4	93.3
.6	10.6	.6	5.1	.6	24.4	.6	56.1	.6	93.9
.8	10.3	.8	5.5	.8	24.9	.8	57.1	.8	94.4
58.	10.0	68.	5.8	78.	25.3	88.	58.0	98.	95.0
.2	9.7	.2	6.1	.2	25.8	.2	59.0	.2	95.5
.4	9.4	.4	6.5	.4	26.3	.4	59.9	.4	96.0
.6	9.2	.6	6.8	.6	26.7	.6	60.9	.6	96.5
.8	8.9	.8	7.2	.8	27.2	.8	61.8	.8	97.0
59.	8.6	69.	7.5	79.	27.7	89.	62.8	99.	97.5
.2	8.3	.2	7.9	.2	28.2	.2	63.7	.2	98.0
.4	8.0	.4	8.2	.4	28.7	.4	64.6	.4	98.5
.6	7.7	.6	8.6	.6	29.2	.6	65.5	.6	98.9
.8	7.4	.8	8.9	.8	29.7	.8	66.4	.8	99.4
60.	7.1	70.	9.3	80.	30.2	90.	67.3	00.	99.9

TEMPERATURE 34°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	—	10.	64.4	20.	55.3	30.	45.2	40.	33.8
.2	—	.2	64.2	.2	55.1	.2	45.0	.2	33.6
.4	—	.4	64.1	.4	54.9	.4	44.8	.4	33.3
.6	—	.6	63.9	.6	54.8	.6	44.5	.6	33.1
.8	—	.8	63.8	.8	54.6	.8	44.3	.8	32.8
1.	—	11.	63.6	21.	54.4	31.	44.1	41.	32.6
.2	—	.2	63.4	.2	54.2	.2	43.9	.2	32.4
.4	—	.4	63.2	.4	54.0	.4	43.7	.4	32.1
.6	—	.6	63.1	.6	53.8	.6	43.4	.6	31.9
.8	—	.8	62.9	.8	53.6	.8	43.2	.8	31.6
2.	—	12.	62.7	22.	53.4	32.	43.0	42.	31.4
.2	—	.2	62.5	.2	53.2	.2	42.8	.2	31.2
.4	—	.4	62.3	.4	53.0	.4	42.6	.4	30.9
.6	—	.6	62.2	.6	52.8	.6	42.3	.6	30.7
.8	—	.8	62.0	.8	52.6	.8	42.1	.8	30.4
3.	—	13.	61.8	23.	52.4	33.	41.9	43.	30.2
.2	—	.2	61.6	.2	52.2	.2	41.7	.2	29.9
.4	—	.4	61.4	.4	52.0	.4	41.5	.4	29.7
.6	69.9	.6	61.3	.6	51.8	.6	41.2	.6	29.4
.8	69.8	.8	61.1	.8	51.6	.8	41.0	.8	29.2
4.	69.6	14.	60.9	24.	51.4	34.	40.8	44.	28.9
.2	69.4	.2	60.7	.2	51.2	.2	40.6	.2	28.6
.4	69.2	.4	60.5	.4	51.0	.4	40.4	.4	28.4
.6	69.1	.6	60.4	.6	50.8	.6	40.1	.6	28.1
.8	68.9	.8	60.2	.8	50.6	.8	39.9	.8	27.9
5.	68.7	15.	60.0	25.	50.4	35.	39.7	45.	27.6
.2	68.5	.2	59.8	.2	50.2	.2	39.5	.2	27.3
.4	68.4	.4	59.6	.4	50.0	.4	39.2	.4	27.1
.6	68.2	.6	59.5	.6	49.8	.6	39.0	.6	26.8
.8	68.1	.8	59.3	.8	49.6	.8	38.7	.8	26.6
6.	67.9	16.	59.1	26.	49.4	36.	38.5	46.	26.3
.2	67.7	.2	58.9	.2	49.2	.2	38.3	.2	26.0
.4	67.5	.4	58.7	.4	49.0	.4	38.0	.4	25.8
.6	67.4	.6	58.6	.6	48.8	.6	37.8	.6	25.5
.8	67.2	.8	58.4	.8	48.6	.8	37.5	.8	25.3
7.	67.0	17.	58.2	27.	48.4	37.	37.3	47.	25.0
.2	66.8	.2	58.0	.2	48.2	.2	37.1	.2	24.7
.4	66.7	.4	57.8	.4	48.0	.4	36.9	.4	24.5
.6	66.5	.6	57.6	.6	47.7	.6	36.6	.6	24.2
.8	66.4	.8	57.4	.8	47.5	.8	36.4	.8	24.0
8.	66.2	18.	57.2	28.	47.3	38.	36.2	48.	23.7
.2	66.0	.2	57.0	.2	47.1	.2	36.0	.2	23.4
.4	65.8	.4	56.8	.4	46.9	.4	35.7	.4	23.2
.6	65.7	.6	56.7	.6	46.7	.6	35.5	.6	22.9
.8	65.5	.8	56.5	.8	46.5	.8	35.2	.8	22.7
9.	65.3	19.	56.3	29.	46.3	39.	35.0	49.	22.4
.2	65.1	.2	56.1	.2	46.1	.2	34.8	.2	22.1
.4	64.9	.4	55.9	.4	45.9	.4	34.5	.4	21.8
.6	64.8	.6	55.7	.6	45.6	.6	34.3	.6	21.6
.8	64.6	.8	55.5	.8	45.4	.8	34.0	.8	21.3
10.	64.4	20.	55.3	30.	45.2	40.	33.8	50.	21.0

TEMPERATURE 34.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	21.0	60.	6.8	70.	9.6	80.	30.6	90.	67.5		
.2	20.7	.2	6.5	.2	10.0	.2	31.1	.2	68.3		
.4	20.4	.4	6.2	.4	10.3	.4	31.6	.4	69.2		
.6	20.2	.6	5.8	.6	10.7	.6	32.1	.6	70.0		
.8	19.9	.8	5.5	.8	11.0	.8	32.6	.8	70.9		
51.	19.6	61.	5.2	71.	11.4	81.	33.1	91.	71.7		
.2	19.3	.2	4.9	.2	11.8	.2	33.7	.2	72.5		
.4	19.1	.4	4.6	.4	12.2	.4	34.2	.4	73.3		
.6	18.8	.6	4.3	.6	12.5	.6	34.8	.6	74.2		
.8	18.6	.8	4.0	.8	12.9	.8	35.3	.8	75.0		
52.	18.3	62.	3.7	72.	13.3	82.	35.9	92.	75.8		
.2	18.0	.2	3.4	.2	13.7	.2	36.5	.2	76.6		
.4	17.7	.4	3.1	.4	14.1	.4	37.1	.4	77.3		
.6	17.5	.6	2.8	.6	14.4	.6	37.6	.6	78.1		
.8	17.2	.8	2.5	.8	14.8	.8	38.2	.8	78.8		
53.	16.9	63.	2.2	73.	15.2	83.	38.8	93.	79.6		
.2	16.6	.2	1.9	.2	15.6	.2	39.4	.2	80.3		
.4	16.3	.4	1.6	.4	16.0	.4	40.1	.4	81.0		
.6	16.1	.6	1.2	.6	16.3	.6	40.7	.6	81.6		
.8	15.8	.8	.9	.8	16.7	.8	41.4	.8	82.3		
54.	15.5	64.	.6	74.	17.1	84.	42.0	94.	83.0		
.2	15.2	.2	.3	.2	17.5	.2	42.7	.2	83.7		
.4	14.9	.4	.1	.4	17.9	.4	43.4	.4	84.3		
.6	14.7	.6	.4	.6	18.4	.6	44.2	.6	85.0		
.8	14.4	.8	.8	.8	18.8	.8	44.9	.8	85.6		
55.	14.1	65.	1.1	75.	19.2	85.	45.6	95.	86.3		
.2	13.8	.2	1.4	.2	19.6	.2	46.3	.2	86.9		
.4	13.5	.4	1.7	.4	20.0	.4	47.1	.4	87.5		
.6	13.3	.6	2.1	.6	20.5	.6	47.8	.6	88.2		
.8	13.0	.8	2.4	.8	20.9	.8	48.6	.8	88.8		
56.	12.7	66.	2.7	76.	21.3	86.	49.3	96.	89.4		
.2	12.4	.2	3.0	.2	21.7	.2	50.2	.2	90.0		
.4	12.1	.4	3.4	.4	22.1	.4	51.0	.4	90.5		
.6	11.8	.6	3.7	.6	22.6	.6	51.9	.6	91.1		
.8	11.5	.8	4.1	.8	23.0	.8	52.7	.8	91.6		
57.	11.2	67.	4.4	77.	23.4	87.	53.6	97.	92.2		
.2	10.9	.2	4.7	.2	23.9	.2	54.5	.2	92.7		
.4	10.6	.4	5.1	.4	24.3	.4	55.5	.4	93.3		
.6	10.3	.6	5.4	.6	24.8	.6	56.4	.6	93.8		
.8	10.0	.8	5.8	.8	25.2	.8	57.4	.8	94.4		
58.	9.7	68.	6.1	78.	25.7	88.	58.3	98.	94.9		
.2	9.4	.2	6.4	.2	26.2	.2	59.2	.2	95.4		
.4	9.1	.4	6.8	.4	26.7	.4	60.2	.4	95.9		
.6	8.9	.6	7.1	.6	27.1	.6	61.1	.6	96.5		
.8	8.6	.8	7.5	.8	27.6	.8	62.1	.8	97.0		
59.	8.3	69.	7.8	79.	28.1	89.	63.0	99.	97.5		
.2	8.0	.2	8.2	.2	28.6	.2	63.9	.2	98.0		
.4	7.7	.4	8.5	.4	29.1	.4	64.8	.4	98.5		
.6	7.4	.6	8.9	.6	29.6	.6	65.7	.6	98.9		
.8	7.1	.8	9.2	.8	30.1	.8	66.6	.8	99.4		
60.	6.8	70.	9.6	80.	30.6	90.	67.5	100.	99.9		

TEMPERATURE 35°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	—	10.	64.2	20.	55.1	30.	41.9	40.	33.5
.2	—	.2	61.0	.2	54.9	.2	44.7	.2	33.3
.4	—	.4	63.9	.4	54.7	.4	44.5	.4	33.0
.6	—	.6	63.7	.6	54.5	.6	44.3	.6	32.8
.8	—	.8	63.6	.8	54.3	.8	44.1	.8	32.5
1.	—	11.	63.4	21.	54.1	31.	43.9	41.	32.3
.2	—	.2	63.2	.2	53.9	.2	43.7	.2	32.1
.4	—	.4	63.0	.4	53.7	.4	43.5	.4	31.8
.6	—	.6	62.9	.6	53.0	.6	43.2	.6	31.6
.8	—	.8	62.7	.8	53.4	.8	43.0	.8	31.3
2.	—	12.	62.5	22.	53.2	32.	42.8	42.	31.1
.2	—	.2	62.3	.2	53.0	.2	42.6	.2	30.9
.4	—	.4	62.1	.4	52.8	.4	42.4	.4	30.6
.6	—	.6	62.0	.6	52.6	.6	42.1	.6	30.4
.8	—	.8	61.8	.8	52.4	.8	41.9	.8	30.1
3.	—	13.	61.6	23.	52.2	33.	41.7	43.	29.9
.2	70.0	.2	61.4	.2	52.0	.2	41.5	.2	29.6
.4	69.8	.4	61.2	.4	51.8	.4	41.3	.4	29.4
.6	69.7	.6	61.1	.6	51.6	.6	41.0	.6	29.1
.8	69.6	.8	60.9	.8	51.4	.8	40.8	.8	28.9
4.	69.3	14.	60.7	24.	51.2	31.	40.6	44.	28.6
.2	69.1	.2	60.5	.2	51.0	.2	40.4	.2	28.3
.4	69.0	.4	60.3	.4	50.8	.4	40.1	.4	28.1
.6	68.8	.6	60.2	.6	50.6	.6	39.9	.6	27.8
.8	68.7	.8	60.0	.8	50.4	.8	39.6	.8	27.6
5.	68.5	15.	59.8	25.	50.2	35.	39.4	45.	27.3
.2	68.3	.2	59.6	.2	50.0	.2	39.2	.2	27.0
.4	68.2	.4	59.4	.4	49.8	.4	38.9	.4	26.8
.6	68.0	.6	59.3	.6	49.6	.6	38.7	.6	26.5
.8	67.9	.8	59.1	.8	49.4	.8	38.4	.8	26.3
6.	67.7	16.	58.9	26.	49.2	36.	38.2	46.	26.0
.2	67.5	.2	58.7	.2	49.0	.2	38.0	.2	25.7
.4	67.3	.4	58.6	.4	48.8	.4	37.8	.4	25.5
.6	67.2	.6	58.4	.6	48.5	.6	37.5	.6	25.2
.8	67.0	.8	58.2	.8	48.3	.8	37.3	.8	25.0
7.	66.8	17.	58.0	27.	48.1	37.	37.1	47.	24.7
.2	66.6	.2	57.8	.2	47.9	.2	36.9	.2	24.4
.4	66.5	.4	57.6	.4	47.7	.4	36.7	.4	24.2
.6	66.3	.6	57.4	.6	47.5	.6	36.4	.6	23.9
.8	66.2	.8	57.2	.8	47.3	.8	36.2	.8	23.7
8.	66.0	18.	57.0	28.	47.1	38.	36.0	48.	23.4
.2	65.8	.2	56.8	.2	46.0	.2	35.7	.2	23.1
.4	65.6	.4	56.6	.4	46.7	.4	35.5	.4	22.9
.6	65.5	.6	56.5	.6	46.4	.6	35.2	.6	22.6
.8	65.3	.8	56.3	.8	46.2	.8	35.0	.8	22.4
9.	65.1	19.	56.1	29.	46.0	39.	34.7	49.	22.1
.2	64.9	.2	55.9	.2	45.8	.2	34.5	.2	21.8
.4	64.7	.4	55.7	.4	45.6	.4	34.2	.4	21.5
.6	64.6	.6	55.5	.6	45.3	.6	34.0	.6	21.3
.8	64.4	.8	55.3	.8	45.1	.8	33.7	.8	21.0
10.	64.2	20.	55.1	30.	44.9	40.	33.5	50.	20.7

TEMPERATURE 35°

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	20.7	60.	6.4	70.	10.0	80.	30.9	90.	67.7
.2	20.4	.2	6.1	.2	10.4	.2	31.4	.2	68.5
.4	20.2	.4	5.8	.4	10.7	.4	31.9	.4	69.3
.6	19.9	.6	5.5	.6	11.1	.6	32.5	.6	70.2
.8	19.7	.8	5.2	.8	11.4	.8	33.0	.8	71.0
51.	19.4	61.	4.9	71.	11.8	81.	33.5	91.	71.8
.2	19.1	.2	4.6	.2	12.2	.2	34.1	.2	72.6
.4	18.8	.4	4.3	.4	12.5	.4	34.6	.4	73.4
.6	18.6	.6	4.0	.6	12.9	.6	35.2	.6	74.3
.8	18.3	.8	3.7	.8	13.2	.8	35.7	.8	75.1
52.	18.0	62.	3.4	72.	13.6	82.	36.3	92.	75.9
.2	17.7	.2	3.1	.2	14.0	.2	36.9	.2	76.6
.4	17.4	.4	2.8	.4	14.4	.4	37.5	.4	77.4
.6	17.2	.6	2.5	.6	14.7	.6	38.0	.6	78.1
.8	16.9	.8	2.2	.8	15.1	.8	38.6	.8	78.9
53.	16.6	63.	1.9	73.	15.5	83.	39.2	93.	79.6
.2	16.3	.2	1.6	.2	15.9	.2	39.8	.2	80.3
.4	16.0	.4	1.3	.4	16.3	.4	40.4	.4	81.0
.6	15.8	.6	.9	.6	16.7	.6	41.1	.6	81.7
.8	15.5	.8	.6	.8	17.1	.8	41.7	.8	82.4
54.	15.2	64.	.3	74.	17.5	84.	42.3	94.	83.1
.2	14.9	.2		.2	17.9	.2	43.0	.2	83.7
.4	14.6	.4	.4	.4	18.3	.4	43.7	.4	84.4
.6	14.4	.6	.7	.6	18.7	.6	44.5	.6	85.0
.8	14.1	.8	1.1	.8	19.1	.8	45.2	.8	85.7
55.	13.8	65.	1.4	75.	19.5	85.	45.9	95.	86.3
.2	13.5	.2	1.7	.2	19.9	.2	46.6	.2	86.9
.4	13.2	.4	2.0	.4	20.4	.4	47.1	.4	87.5
.6	13.0	.6	2.4	.6	20.8	.6	48.1	.6	88.2
.8	12.7	.8	2.7	.8	21.3	.8	48.9	.8	88.8
56.	12.4	66.	3.0	76.	21.7	86.	49.6	96.	89.4
.2	12.1	.2	3.3	.2	22.1	.2	50.5	.2	90.0
.4	11.8	.4	3.7	.4	22.5	.4	51.4	.4	90.5
.6	11.5	.6	4.0	.6	23.0	.6	52.2	.6	91.1
.8	11.2	.8	4.4	.8	23.4	.8	53.1	.8	91.6
57.	10.9	67.	4.7	77.	23.8	87.	54.0	97.	92.2
.2	10.6	.2	5.0	.2	24.2	.2	54.9	.2	92.7
.4	10.3	.4	5.4	.4	24.7	.4	55.8	.4	93.3
.6	10.0	.6	5.7	.6	25.1	.6	56.8	.6	93.8
.8	9.7	.8	6.1	.8	25.6	.8	57.7	.8	94.4
58.	9.4	68.	6.4	78.	26.0	88.	58.6	98.	94.9
.2	9.1	.2	6.7	.2	26.5	.2	59.5	.2	95.4
.4	8.8	.4	7.1	.4	27.0	.4	60.5	.4	95.9
.6	8.5	.6	7.4	.6	27.4	.6	61.4	.6	96.5
.8	8.2	.8	7.8	.8	27.9	.8	62.4	.8	97.0
59.	7.9	69.	8.1	79.	28.4	89.	63.3	99.	97.5
.2	7.6	.2	8.5	.2	28.9	.2	64.2	.2	98.0
.4	7.3	.4	8.9	.4	29.4	.4	65.1	.4	98.5
.6	7.0	.6	9.2	.6	29.9	.6	65.9	.6	98.9
.8	6.7	.8	9.6	.8	30.4	.8	66.8	.8	99.4
60.	6.4	70.	10.0	80.	30.9	90.	67.7	100.	99.9

TEMPERATURE 36°

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	—	10.	64.0	20.	54.8	30.	44.6	40.	33.2
.2	—	.2	63.8	.2	54.6	.2	44.4	.2	33.0
.4	—	.4	63.6	.4	54.4	.4	44.2	.4	32.7
.6	—	.6	63.5	.6	54.3	.6	44.0	.6	32.5
.8	—	.8	63.3	.8	54.1	.8	43.8	.8	32.2
1.	—	11.	63.1	21.	53.9	31.	43.6	41.	32.0
.2	—	.2	62.9	.2	53.7	.2	43.4	.2	31.8
.4	—	.4	62.7	.4	53.5	.4	43.2	.4	31.5
.6	—	.6	62.6	.6	53.3	.6	42.9	.6	31.3
.8	—	.8	62.4	.8	53.1	.8	42.7	.8	31.0
2.	—	12.	62.2	22.	52.9	32.	42.5	42.	30.8
.2	—	.2	62.0	.2	52.7	.2	42.3	.2	30.6
.4	—	.4	61.9	.4	52.5	.4	42.1	.4	30.3
.6	—	.6	61.7	.6	52.3	.6	41.8	.6	30.1
.8	—	.8	61.6	.8	52.1	.8	41.6	.8	29.8
3.	70.0	13.	61.4	23.	51.9	33.	41.4	43.	29.6
.2	69.8	.2	61.2	.2	51.7	.2	41.2	.2	29.3
.4	69.6	.4	61.0	.4	51.5	.4	41.0	.4	29.1
.6	69.5	.6	60.9	.6	51.4	.6	40.7	.6	28.8
.8	69.3	.8	60.7	.8	51.2	.8	40.5	.8	28.6
4.	69.1	14.	60.5	24.	51.0	34.	40.3	44.	28.3
.2	68.9	.2	60.3	.2	50.8	.2	40.1	.2	28.0
.4	68.8	.4	60.1	.4	50.6	.4	39.8	.4	27.8
.6	68.6	.6	60.0	.6	50.4	.6	39.6	.6	27.5
.8	68.5	.8	59.8	.8	50.2	.8	39.3	.8	27.3
5.	68.3	15.	59.6	25.	50.0	35.	39.1	45.	27.0
.2	68.1	.2	59.4	.2	49.8	.2	38.9	.2	26.7
.4	67.9	.4	59.2	.4	49.6	.4	38.7	.4	26.5
.6	67.8	.6	59.0	.6	49.4	.6	38.4	.6	26.2
.8	67.6	.8	58.8	.8	49.2	.8	38.2	.8	26.0
6.	67.4	16.	58.6	26.	49.0	36.	38.0	46.	25.7
.2	67.2	.2	58.4	.2	48.8	.2	37.8	.2	25.4
.4	67.1	.4	58.2	.4	48.6	.4	37.5	.4	25.2
.6	66.9	.6	58.1	.6	48.3	.6	37.3	.6	24.9
.8	66.8	.8	57.9	.8	48.1	.8	37.0	.8	24.7
7.	66.6	17.	57.7	27.	47.9	37.	36.8	47.	24.4
.2	66.4	.2	57.5	.2	47.7	.2	36.6	.2	24.1
.4	66.2	.4	57.3	.4	47.5	.4	36.4	.4	23.9
.6	66.1	.6	57.2	.6	47.2	.6	36.1	.6	23.6
.8	65.9	.8	57.0	.8	47.0	.8	35.9	.8	23.4
8.	65.7	18.	56.8	28.	46.8	38.	35.7	48.	23.1
.2	65.5	.2	56.6	.2	46.6	.2	35.4	.2	22.8
.4	65.4	.4	56.4	.4	46.4	.4	35.2	.4	22.5
.6	65.2	.6	56.2	.6	46.1	.6	34.9	.6	22.3
.8	65.1	.8	56.0	.8	45.9	.8	34.7	.8	22.0
9.	64.9	19.	55.8	29.	45.7	39.	34.4	49.	21.7
.2	64.7	.2	55.6	.2	45.5	.2	34.2	.2	21.4
.4	64.5	.4	55.4	.4	45.3	.4	33.9	.4	21.2
.6	64.4	.6	55.2	.6	45.0	.6	33.7	.6	20.9
.8	64.2	.8	55.0	.8	44.8	.8	33.4	.8	20.7
10.	64.0	20.	54.8	30.	44.6	40.	33.2	50.	20.4

TEMPERATURE 36°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	20.4	60.	6.1	70.	10.3	80.	31.3	90.	67.9
.2	20.1	.2	5.8	.2	10.7	.2	31.8	.2	68.7
.4	19.9	.4	5.5	.4	11.0	.4	32.3	.4	69.5
.6	19.6	.6	5.2	.6	11.4	.6	32.8	.6	70.4
.8	19.4	.8	4.9	.8	11.7	.8	33.3	.8	71.2
51.	19.1	61.	4.6	71.	12.1	81.	33.8	91.	72.0
.2	18.8	.2	4.3	.2	12.5	.2	34.4	.2	72.8
.4	18.5	.4	4.0	.4	12.9	.4	34.9	.4	73.6
.6	18.3	.6	3.7	.6	13.2	.6	35.5	.6	74.4
.8	18.0	.8	3.4	.8	13.6	.8	36.0	.8	75.2
52.	17.7	62.	3.1	72.	14.0	82.	36.6	92.	76.0
.2	17.4	.2	2.8	.2	14.4	.2	37.2	.2	76.7
.4	17.1	.4	2.5	.4	14.8	.4	37.8	.4	77.5
.6	16.9	.6	2.1	.6	15.1	.6	38.3	.6	78.2
.8	16.6	.8	1.8	.8	15.5	.8	38.9	.8	79.0
53.	16.3	63.	1.5	73.	15.9	83.	39.5	93.	79.7
.2	16.0	.2	1.2	.2	16.3	.2	40.1	.2	80.4
.4	15.7	.4	.9	.4	16.7	.4	40.8	.4	81.1
.6	15.5	.6	.5	.6	17.0	.6	41.4	.6	81.7
.8	15.2	.8	.2	.8	17.4	.8	42.1	.8	82.4
54.	14.0	64.	.1	74.	17.8	84.	42.7	94.	83.1
.2	14.6	.2	.4	.2	18.2	.2	43.4	.2	83.7
.4	14.3	.4	.7	.4	18.6	.4	44.1	.4	84.4
.6	14.1	.6	1.1	.6	19.1	.6	44.9	.6	85.0
.8	13.8	.8	1.4	.8	19.5	.8	45.6	.8	85.7
55.	13.5	65.	1.7	75.	19.9	85.	46.3	95.	86.3
.2	13.2	.2	2.0	.2	20.3	.2	47.0	.2	86.9
.4	12.9	.4	2.3	.4	20.7	.4	47.8	.4	87.5
.6	12.6	.6	2.7	.6	21.2	.6	48.5	.6	88.2
.8	12.3	.8	3.0	.8	21.6	.8	49.3	.8	88.8
56.	12.0	66.	3.3	76.	22.0	86.	50.0	96.	89.4
.2	11.7	.2	3.6	.2	22.4	.2	50.9	.2	90.0
.4	11.4	.4	4.0	.4	22.8	.4	51.8	.4	90.5
.6	11.2	.6	4.3	.6	23.3	.6	52.6	.6	91.1
.8	10.9	.8	4.7	.8	23.7	.8	53.5	.8	91.6
57.	10.6	67.	5.0	77.	24.1	87.	54.4	97.	92.2
.2	10.3	.2	5.4	.2	24.6	.2	55.3	.2	92.7
.4	10.0	.4	5.7	.4	25.0	.4	56.2	.4	93.3
.6	9.7	.6	6.1	.6	25.5	.6	57.2	.6	93.8
.8	9.4	.8	6.4	.8	25.9	.8	58.1	.8	94.4
58.	9.1	68.	6.8	78.	26.4	88.	59.0	98.	94.9
.2	8.8	.2	7.1	.2	26.9	.2	59.9	.2	95.4
.4	8.5	.4	7.5	.4	27.4	.4	60.8	.4	95.9
.6	8.2	.6	7.8	.6	27.8	.6	61.7	.6	96.4
.8	7.9	.8	8.2	.8	28.3	.8	62.6	.8	96.9
59.	7.6	69.	8.5	79.	28.8	89.	63.5	99.	97.4
.2	7.3	.2	8.9	.2	29.3	.2	64.4	.2	97.9
.4	7.0	.4	9.2	.4	29.8	.4	65.3	.4	98.4
.6	6.7	.6	9.6	.6	30.3	.6	66.1	.6	98.9
.8	6.4	.8	9.9	.8	30.8	.8	67.0	.8	99.4
60.	6.1	70.	10.3	80.	31.3	90.	67.9	100.	99.9

TEMPERATURE 37°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	—	10.	63.7	20.	54.6	30.	44.4	40.	33.0
.2	—	.2	63.5	.2	54.4	.2	44.2	.2	32.7
.4	—	.4	63.4	.4	54.2	.4	44.0	.4	32.5
.6	—	.6	63.2	.6	54.1	.6	43.7	.6	32.2
.8	—	.8	63.1	.8	53.9	.8	43.5	.8	32.0
1.	—	11.	62.9	21.	53.7	31.	43.3	41.	31.7
.2	—	.2	62.7	.2	53.5	.2	43.1	.2	31.5
.4	—	.4	62.6	.4	53.3	.4	42.9	.4	31.2
.6	—	.6	62.4	.6	53.1	.6	42.6	.6	31.0
.8	—	.8	62.2	.8	52.9	.8	42.4	.8	30.7
2.	—	12.	62.0	22.	52.7	32.	42.2	42.	30.5
.2	—	.2	61.8	.2	52.5	.2	42.0	.2	30.3
.4	—	.4	61.6	.4	52.3	.4	41.8	.4	30.0
.6	70.0	.6	61.5	.6	52.1	.6	41.5	.6	29.8
.8	69.9	.8	61.3	.8	51.9	.8	41.3	.8	29.5
3.	69.7	1.	61.1	23.	51.7	33.	41.1	43.	29.3
.2	69.5	.2	60.9	.2	51.5	.2	40.9	.2	29.0
.4	69.4	.4	60.7	.4	51.3	.4	40.7	.4	28.8
.6	69.2	.6	60.6	.6	51.1	.6	40.4	.6	28.5
.8	69.1	.8	60.4	.8	50.9	.8	40.2	.8	28.3
4.	68.9	14.	60.2	24.	50.7	34.	40.0	44.	28.0
.2	68.7	.2	60.0	.2	50.5	.2	39.8	.2	27.7
.4	68.6	.4	59.8	.4	50.3	.4	39.5	.4	27.5
.6	68.4	.6	59.7	.6	50.1	.6	39.3	.6	27.2
.8	68.3	.8	59.5	.8	49.9	.8	39.0	.8	27.0
5.	68.1	15.	59.3	25.	49.7	35.	38.8	45.	26.7
.2	67.9	.2	59.1	.2	49.5	.2	38.6	.2	26.4
.4	67.7	.4	58.9	.4	49.3	.4	38.4	.4	26.2
.6	67.6	.6	58.8	.6	49.1	.6	38.1	.6	25.9
.8	67.4	.8	58.6	.8	48.9	.8	37.9	.8	25.7
6.	67.2	16.	58.4	26.	48.7	36.	37.7	46.	25.4
.2	67.0	.2	58.2	.2	48.5	.2	37.5	.2	25.1
.4	66.8	.4	58.0	.4	48.3	.4	37.2	.4	24.9
.6	66.7	.6	57.8	.6	48.0	.6	37.0	.6	24.6
.8	66.5	.8	57.6	.8	47.8	.8	36.7	.8	24.4
7.	66.3	17.	57.4	27.	47.6	37.	36.5	47.	24.1
.2	66.1	.2	57.2	.2	47.4	.2	36.3	.2	23.8
.4	66.0	.4	57.0	.4	47.2	.4	36.1	.4	23.6
.6	65.8	.6	56.9	.6	46.9	.6	35.8	.6	23.3
.8	65.7	.8	56.7	.8	46.7	.8	35.6	.8	23.1
8.	65.5	18.	56.5	28.	46.5	38.	35.4	48.	22.8
.2	65.3	.2	56.3	.2	46.3	.2	35.2	.2	22.5
.4	65.1	.4	56.1	.4	46.1	.4	34.9	.4	22.2
.6	65.0	.6	55.9	.6	45.9	.6	34.7	.6	22.0
.8	64.8	.8	55.7	.8	45.7	.8	34.4	.8	21.7
9.	64.6	19.	55.5	29.	45.5	39.	34.2	49.	21.4
.2	64.4	.2	55.3	.2	45.3	.2	34.0	.2	21.1
.4	64.2	.4	55.1	.4	45.1	.4	33.7	.4	20.9
.6	64.1	.6	55.0	.6	44.8	.6	33.5	.6	20.6
.8	63.9	.8	54.8	.8	44.6	.8	33.2	.8	20.4
10.	63.7	20.	54.6	30.	44.4	40.	33.0	50.	20.1

TEMPERATURE 37°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	20.1	60.	5.8	70.	10.6	80.	31.6	90.	68.1
.2	19.8	.2	5.5	.2	11.0	.2	32.1	.2	68.9
.4	19.6	.4	5.2	.4	11.3	.4	32.6	.4	69.7
.6	19.3	.6	4.9	.6	11.7	.6	33.2	.6	70.6
.8	19.1	.8	4.6	.8	12.0	.8	33.7	.8	71.4
51.	18.8	61.	4.3	71.	12.4	81.	34.2	91.	72.2
.2	18.5	.2	4.0	.2	12.8	.2	34.8	.2	73.0
.4	18.2	.4	3.7	.4	13.2	.4	35.3	.4	73.8
.6	18.0	.6	3.4	.6	13.5	.6	35.9	.6	74.5
.8	17.7	.8	3.1	.8	13.9	.8	36.4	.8	75.3
52.	17.4	62.	2.8	72.	14.3	82.	37.0	92.	76.1
.2	17.1	.2	2.5	.2	14.7	.2	37.6	.2	76.8
.4	16.8	.4	2.2	.4	15.1	.4	38.2	.4	77.5
.6	16.6	.6	1.8	.6	15.4	.6	38.7	.6	78.3
.8	16.3	.8	1.5	.8	15.8	.8	39.3	.8	79.0
53.	16.0	63.	1.2	73.	16.2	83.	39.9	93.	79.7
.2	15.7	.2	.9	.2	16.6	.2	40.5	.2	80.4
.4	15.4	.4	.6	.4	17.0	.4	41.1	.4	81.1
.6	15.2	.6	.2	.6	17.4	.6	41.8	.6	81.8
.8	14.9	.8	.1	.8	17.8	.8	42.4	.8	82.5
54.	14.6	64.	.4	74.	18.2	84.	43.0	94.	83.2
.2	14.3	.2	.7	.2	18.6	.2	43.7	.2	83.8
.4	14.0	.4	1.0	.4	19.0	.4	44.4	.4	84.5
.6	13.7	.6	1.4	.6	19.4	.6	45.2	.6	85.1
.8	13.4	.8	1.7	.8	19.8	.8	45.9	.8	85.8
55.	13.1	65.	2.0	75.	20.2	85.	46.6	95.	86.4
.2	12.8	.2	2.3	.2	20.6	.2	47.4	.2	87.0
.4	12.5	.4	2.6	.4	21.0	.4	48.1	.4	87.6
.6	12.3	.6	3.0	.6	21.5	.6	48.9	.6	88.2
.8	12.0	.8	3.3	.8	21.9	.8	49.6	.8	88.8
56.	11.7	66.	3.6	76.	22.3	86.	50.4	96.	89.4
.2	11.4	.2	3.9	.2	22.7	.2	51.3	.2	90.0
.4	11.1	.4	4.3	.4	23.2	.4	52.1	.4	90.5
.6	10.9	.6	4.6	.6	23.6	.6	53.0	.6	91.1
.8	10.6	.8	5.0	.8	24.1	.8	53.8	.8	91.6
57.	10.3	67.	5.3	77.	24.5	87.	54.7	97.	92.2
.2	10.0	.2	5.6	.2	25.0	.2	55.6	.2	92.7
.4	9.7	.4	6.0	.4	25.4	.4	56.5	.4	93.3
.6	9.4	.6	6.3	.6	25.9	.6	57.5	.6	93.8
.8	9.1	.8	6.7	.8	26.3	.8	58.4	.8	94.4
58.	8.8	68.	7.0	78.	26.8	88.	59.3	98.	94.9
.2	8.5	.2	7.4	.2	27.3	.2	60.2	.2	95.4
.4	8.2	.4	7.7	.4	27.7	.4	61.1	.4	95.9
.6	7.9	.6	8.1	.6	28.2	.6	62.0	.6	96.4
.8	7.6	.8	8.4	.8	28.6	.8	62.9	.8	96.9
59.	7.3	69.	8.8	79.	29.1	89.	63.8	99.	97.4
.2	7.0	.2	9.2	.2	29.6	.2	64.7	.2	97.9
.4	6.7	.4	9.5	.4	30.1	.4	65.5	.4	98.4
.6	6.4	.6	9.9	.6	30.6	.6	66.4	.6	98.9
.8	6.1	.8	10.2	.8	31.1	.8	67.2	.8	99.4
60.	5.8	70.	10.6	80.	31.6	90.	68.1	100.	99.9

TEMPERATURE 38°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	—	10.	63.5	20.	54.4	30.	44.2	40.	32.7
.2	—	.2	63.3	.2	54.2	.2	44.0	.2	32.4
.4	—	.4	63.2	.4	54.0	.4	43.8	.4	32.2
.6	—	.6	63.0	.6	53.8	.6	43.5	.6	31.9
.8	—	.8	62.9	.8	53.6	.8	43.3	.8	31.7
1.	—	11.	62.7	21.	53.4	31.	43.1	41.	31.4
.2	—	.2	62.5	.2	53.2	.2	42.9	.2	31.2
.4	—	.4	62.3	.4	53.0	.4	42.7	.4	30.9
.6	—	.6	62.2	.6	52.8	.6	42.4	.6	30.7
.8	—	.8	62.0	.8	52.6	.8	42.2	.8	30.4
2.	—	12.	61.8	22.	52.4	32.	42.0	42.	30.2
.2	—	.2	61.6	.2	52.2	.2	41.8	.2	30.0
.4	70.0	.4	61.4	.4	52.0	.4	41.6	.4	29.7
.6	69.8	.6	61.3	.6	51.9	.6	41.3	.6	29.5
.8	69.7	.8	61.1	.8	51.7	.8	41.1	.8	29.2
3.	69.5	13.	60.9	23.	51.5	33.	40.9	43.	29.0
.2	69.3	.2	60.7	.2	51.3	.2	40.7	.2	28.8
.4	69.2	.4	60.5	.4	51.1	.4	40.5	.4	28.5
.6	69.0	.6	60.4	.6	50.9	.6	40.2	.6	28.3
.8	68.9	.8	60.2	.8	50.7	.8	40.0	.8	28.0
4.	68.7	14.	60.0	24.	50.5	34.	39.8	44.	27.8
.2	68.5	.2	59.8	.2	50.3	.2	39.6	.2	27.5
.4	68.3	.4	59.6	.4	50.1	.4	39.3	.4	27.2
.6	68.2	.6	59.5	.6	49.8	.6	39.1	.6	27.0
.8	68.0	.8	59.3	.8	49.6	.8	38.8	.8	26.7
5.	67.8	15.	59.1	25.	49.4	35.	38.6	45.	26.4
.2	67.6	.2	58.9	.2	49.2	.2	38.4	.2	26.1
.4	67.5	.4	58.7	.4	49.0	.4	38.1	.4	25.9
.6	67.3	.6	58.6	.6	48.8	.6	37.9	.6	25.6
.8	67.2	.8	58.4	.8	48.6	.8	37.6	.8	25.4
6.	67.0	16.	58.2	26.	48.4	36.	37.4	46.	25.1
.2	66.8	.2	58.0	.2	48.2	.2	37.2	.2	24.8
.4	66.6	.4	57.8	.4	48.0	.4	36.9	.4	24.6
.6	66.5	.6	57.6	.6	47.7	.6	36.7	.6	24.3
.8	66.3	.8	57.4	.8	47.5	.8	36.4	.8	24.1
7.	66.1	17.	57.2	27.	47.3	37.	36.2	47.	23.8
.2	65.9	.2	57.0	.2	47.1	.2	36.0	.2	23.5
.4	65.8	.4	56.8	.4	46.9	.4	35.8	.4	23.3
.6	65.6	.6	56.7	.6	46.7	.6	35.5	.6	23.0
.8	65.5	.8	56.5	.8	46.5	.8	35.3	.8	22.8
8.	65.3	18.	56.3	28.	46.3	38.	35.1	48.	22.5
.2	65.1	.2	56.1	.2	46.1	.2	34.9	.2	22.2
.4	64.9	.4	55.9	.4	45.9	.4	34.6	.4	22.0
.6	64.8	.6	55.7	.6	45.6	.6	34.4	.6	21.7
.8	64.6	.8	55.5	.8	45.4	.8	34.1	.8	21.5
9.	64.4	19.	55.3	29.	45.2	39.	33.9	49.	21.2
.2	64.2	.2	55.1	.2	45.0	.2	33.7	.2	20.9
.4	64.0	.4	54.9	.4	44.8	.4	33.4	.4	20.6
.6	63.9	.6	54.8	.6	44.6	.6	33.2	.6	20.4
.8	63.7	.8	54.6	.8	44.4	.8	32.9	.8	20.1
10.	63.5	20.	54.4	30.	44.2	40.	32.7	50.	19.8

TEMPERATURE 38°.

Wts. & Divs. on Stem.		Per Cent. over Proof.	Wts. & Divs. on Stem.		Per Cent. over Proof.	Wts. & Divs. on Stem.		Per Cent. under Proof.	Wts. & Divs. on Stem.		Per Cent. under Proof.	Wts. & Divs. on Stem.		Per Cent. under Proof.	Wts. & Divs. on Stem.		Per Cent. under Proof.
50.	19.8		60.	5.5		70.	10.9		80.	32.0		90.	68.8				
.2	19.5		.2	5.2		.2	11.3		.2	32.5		.2	69.1				
.4	19.3		.4	4.9		.4	11.6		.4	33.0		.4	69.9				
.6	19.0		.6	4.6		.6	12.0		.6	33.5		.6	70.7				
.8	18.8		.8	4.3		.8	12.3		.8	34.0		.8	71.5				
51.	18.5		61.	4.0		71.	12.7		81.	35.5		91.	72.3				
.2	18.2		.2	3.7		.2	13.1		.2	35.1		.2	73.1				
.4	17.9		.4	3.4		.4	13.5		.4	35.7		.4	73.9				
.6	17.7		.6	3.1		.6	13.8		.6	36.2		.6	74.6				
.8	17.4		.8	2.8		.8	14.2		.8	36.8		.8	75.4				
52.	17.1		62.	2.5		72.	14.6		82.	37.4		92.	76.2				
.2	16.8		.2	2.2		.2	15.0		.2	38.0		.2	76.9				
.4	16.5		.4	1.9		.4	15.4		.4	38.6		.4	77.6				
.6	16.3		.6	1.5		.6	15.7		.6	39.1		.6	78.4				
.8	16.0		.8	1.2		.8	16.1		.8	39.7		.8	79.1				
53.	15.7		63.	.9		73.	16.5		83.	40.3		93.	79.8				
.2	15.4		.2	.6		.2	16.9		.2	40.9		.2	80.5				
.4	15.1		.4	.2		.4	17.3		.4	41.5		.4	81.2				
.6	14.9		.6	.1		.6	17.7		.6	42.2		.6	81.8				
.8	14.6		.8	.5		.8	18.1		.8	42.8		.8	82.5				
54.	14.3		64.	.8		74.	18.5		84.	43.4		94.	83.2				
.2	14.0		.2	1.1		.2	18.9		.2	44.1		.2	83.8				
.4	13.7		.4	1.4		.4	19.3		.4	44.8		.4	84.5				
.6	13.4		.6	1.8		.6	19.8		.6	45.6		.6	85.1				
.8	13.1		.8	2.1		.8	20.2		.8	46.3		.8	85.8				
55.	12.8		65.	2.4		75.	20.6		85.	47.0		95.	86.4				
.2	12.5		.2	2.7		.2	21.0		.2	47.8		.2	87.0				
.4	12.2		.4	3.0		.4	21.4		.4	48.6		.4	87.6				
.6	12.0		.6	3.4		.6	21.9		.6	49.3		.6	88.2				
.8	11.7		.8	3.7		.8	22.3		.8	50.1		.8	88.8				
56.	11.4		66.	4.0		76.	22.7		86.	50.9		96.	89.4				
.2	11.1		.2	4.3		.2	23.1		.2	51.7		.2	90.0				
.4	10.8		.4	4.7		.4	23.5		.4	52.6		.4	90.5				
.6	10.5		.6	5.0		.6	24.0		.6	53.4		.6	91.1				
.8	10.2		.8	5.4		.8	24.4		.8	54.3		.8	91.6				
57.	9.9		67.	5.7		77.	24.8		87.	55.1		97.	92.2				
.2	9.6		.2	6.0		.2	25.3		.2	56.0		.2	92.7				
.4	9.3		.4	6.4		.4	25.7		.4	56.9		.4	93.3				
.6	9.1		.6	6.7		.6	26.2		.6	57.8		.6	93.8				
.8	8.8		.8	7.1		.8	26.6		.8	58.7		.8	94.4				
58.	8.5		68.	7.4		78.	27.1		88.	59.6		98.	94.9				
.2	8.2		.2	7.7		.2	27.6		.2	60.5		.2	95.4				
.4	7.9		.4	8.1		.4	28.1		.4	61.1		.4	95.9				
.6	7.6		.6	8.4		.6	28.5		.6	62.2		.6	96.4				
.8	7.3		.8	8.8		.8	29.0		.8	63.1		.8	96.9				
59.	7.0		69.	9.1		79.	29.5		89.	64.0		99.	97.4				
.2	6.7		.2	9.5		.2	30.0		.2	64.9		.2	97.9				
.4	6.4		.4	9.8		.4	30.5		.4	65.7		.4	98.4				
.6	6.1		.6	10.2		.6	31.0		.6	66.6		.6	98.8				
.8	5.8		.8	10.5		.8	31.5		.8	67.4		.8	99.3				
60.	5.5		70.	10.9		80.	32.0		90.	68.8		100.	99.8				

TEMPERATURE 39°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	—	10.	68.3	20.	54.1	30.	43.9	40.	32.4
.2	—	.2	63.1	.2	53.9	.2	43.7	.2	32.1
.4	—	.4	63.0	.4	53.7	.4	43.5	.4	31.9
.6	—	.6	62.8	.6	53.5	.6	43.2	.6	31.6
.8	—	.8	62.7	.8	53.3	.8	43.0	.8	31.4
1.	—	11.	62.5	21.	53.1	31.	42.8	41.	31.1
.2	—	.2	62.3	.2	52.9	.2	42.6	.2	30.9
.4	—	.4	62.1	.4	52.7	.4	42.4	.4	30.6
.6	—	.6	62.0	.6	52.6	.6	42.1	.6	30.4
.8	—	.8	61.8	.8	52.4	.8	41.9	.8	30.1
2.	—	12.	61.6	22.	52.2	32.	41.7	42.	29.9
.2	69.9	.2	61.4	.2	52.0	.2	41.5	.2	29.7
.4	69.8	.4	61.2	.4	51.8	.4	41.3	.4	29.4
.6	69.6	.6	61.1	.6	51.6	.6	41.0	.6	29.2
.8	69.4	.8	60.9	.8	51.4	.8	40.8	.8	28.9
3.	69.3	13.	60.7	23.	51.2	33.	40.6	43.	28.7
.2	69.1	.2	60.5	.2	51.0	.2	40.4	.2	28.4
.4	69.0	.4	60.3	.4	50.8	.4	40.2	.4	28.2
.6	68.8	.6	60.2	.6	50.6	.6	39.9	.6	27.9
.8	68.7	.8	60.0	.8	50.4	.8	39.7	.8	27.7
4.	68.5	14.	59.8	24.	50.2	34.	39.5	44.	27.4
.2	68.3	.2	59.6	.2	50.0	.2	39.3	.2	27.1
.4	68.1	.4	59.4	.4	49.8	.4	39.0	.4	26.9
.6	68.0	.6	59.3	.6	49.6	.6	38.8	.6	26.6
.8	67.8	.8	59.1	.8	49.4	.8	38.5	.8	26.4
5.	67.6	15.	58.9	25.	49.2	35.	38.3	45.	26.1
.2	67.4	.2	58.7	.2	49.0	.2	38.1	.2	25.8
.4	67.3	.4	58.5	.4	48.8	.4	37.8	.4	25.6
.6	67.1	.6	58.3	.6	48.5	.6	37.6	.6	25.3
.8	67.0	.8	58.1	.8	48.3	.8	37.3	.8	25.1
6.	66.8	16.	57.9	26.	48.1	36.	37.1	46.	24.8
.2	66.6	.2	57.7	.2	47.9	.2	36.9	.2	24.5
.4	66.4	.4	57.5	.4	47.7	.4	36.7	.4	24.3
.6	66.3	.6	57.4	.6	47.5	.6	36.4	.6	24.0
.8	66.1	.8	57.2	.8	47.3	.8	36.2	.8	23.8
7.	65.9	17.	57.0	27.	47.1	37.	36.0	47.	23.5
.2	65.7	.2	56.8	.2	46.9	.2	35.8	.2	23.2
.4	65.6	.4	56.6	.4	46.7	.4	35.5	.4	23.0
.6	65.4	.6	56.5	.6	46.4	.6	35.3	.6	22.7
.8	65.3	.8	56.3	.8	46.2	.8	35.0	.8	22.5
8.	65.1	18.	56.1	28.	46.0	38.	34.8	48.	22.2
.2	64.9	.2	55.9	.2	45.8	.2	34.6	.2	21.9
.4	64.7	.4	55.7	.4	45.6	.4	34.3	.4	21.7
.6	64.6	.6	55.5	.6	45.4	.6	34.1	.6	21.4
.8	64.4	.8	55.3	.8	45.2	.8	33.8	.8	21.2
9.	64.2	19.	55.1	29.	45.0	39.	33.6	49.	20.9
.2	64.0	.2	54.9	.2	44.8	.2	33.4	.2	20.6
.4	63.8	.4	54.7	.4	44.6	.4	33.1	.4	20.3
.6	63.7	.6	54.5	.6	44.3	.6	32.9	.6	20.1
.8	63.5	.8	54.3	.8	44.1	.8	32.6	.8	19.8
10.	63.3	20.	54.1	30.	43.9	40.	32.4	50.	19.5

TEMPERATURE 39°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	19.5	60.	5.1	70.	11.3	80.	32.3	90.	68.5
.2	19.2	.2	4.8	.2	11.7	.2	32.8	.2	69.3
.4	19.0	.4	4.5	.4	12.0	.4	33.2	.4	70.1
.6	18.7	.6	4.2	.6	12.4	.6	33.9	.6	71.0
.8	18.5	.8	3.9	.8	12.7	.8	34.4	.8	71.8
51.	18.2	61.	3.6	71.	13.1	81.	34.9	91.	72.6
.2	17.9	.2	3.3	.2	13.5	.2	35.5	.2	73.3
.4	17.6	.4	3.0	.4	13.9	.4	36.0	.4	74.1
.6	17.4	.6	2.7	.6	14.2	.6	36.6	.6	74.8
.8	17.1	.8	2.4	.8	14.6	.8	37.1	.8	75.6
52.	16.8	62.	2.1	72.	15.0	82.	37.7	92.	76.3
.2	16.5	.2	1.8	.2	15.4	.2	38.3	.2	77.0
.4	16.2	.4	1.5	.4	15.8	.4	38.9	.4	77.7
.6	16.0	.6	1.2	.6	16.1	.6	39.4	.6	78.5
.8	15.7	.8	.9	.8	16.5	.8	40.0	.8	79.2
53.	15.4	63.	.6	73.	16.9	83.	40.6	93.	79.9
.2	15.1	.2	.3	.2	17.3	.2	41.2	.2	80.6
.4	14.8	.4	.1	.4	17.7	.4	41.9	.4	81.3
.6	14.6	.6	.4	.6	18.1	.6	42.5	.6	81.9
.8	14.3	.8	.8	.8	18.5	.8	43.2	.8	82.6
54.	14.0	64.	1.1	74.	18.9	84.	43.8	94.	83.3
.2	13.7	.2	1.4	.2	19.3	.2	44.5	.2	83.9
.4	13.4	.4	1.7	.4	19.7	.4	45.2	.4	84.5
.6	13.1	.6	2.1	.6	20.2	.6	45.9	.6	85.2
.8	12.8	.8	2.4	.8	20.6	.8	46.6	.8	85.8
55.	12.5	65.	2.7	75.	21.0	85.	47.3	95.	86.4
.2	12.2	.2	3.0	.2	21.4	.2	48.1	.2	87.0
.4	11.9	.4	3.3	.4	21.8	.4	48.9	.4	87.6
.6	11.6	.6	3.7	.6	22.2	.6	49.7	.6	88.2
.8	11.3	.8	4.0	.8	22.6	.8	50.5	.8	88.8
56.	11.0	66.	4.3	76.	23.0	86.	51.3	96.	89.4
.2	10.7	.2	4.6	.2	23.4	.2	52.1	.2	90.0
.4	10.4	.4	5.0	.4	23.9	.4	53.0	.4	90.5
.6	10.2	.6	5.3	.6	24.3	.6	53.8	.6	91.1
.8	9.9	.8	5.7	.8	24.8	.8	54.7	.8	91.6
57.	9.6	67.	6.0	77.	25.2	87.	55.5	97.	92.2
.2	9.3	.2	6.3	.2	25.7	.2	56.4	.2	92.7
.4	9.0	.4	6.7	.4	26.1	.4	57.3	.4	93.3
.6	8.8	.6	7.0	.6	26.6	.6	58.1	.6	93.8
.8	8.5	.8	7.4	.8	27.0	.8	59.0	.8	94.4
58.	8.2	68.	7.7	78.	27.5	88.	59.9	98.	94.9
.2	7.9	.2	8.1	.2	28.0	.2	60.8	.2	95.4
.4	7.6	.4	8.4	.4	28.4	.4	61.7	.4	95.9
.6	7.3	.6	8.8	.6	28.9	.6	62.5	.6	96.4
.8	7.0	.8	9.1	.8	29.3	.8	63.4	.8	96.9
59.	6.7	69.	9.5	79.	29.8	89.	64.3	99.	97.4
.2	6.4	.2	9.9	.2	30.3	.2	65.1	.2	97.9
.4	6.1	.4	10.2	.4	30.8	.4	66.0	.4	98.4
.6	5.7	.6	10.6	.6	31.3	.6	66.8	.6	98.8
.8	5.4	.8	10.9	.8	31.8	.8	67.7	.8	99.3
60.	5.1	70.	11.3	80.	32.3	90.	68.5	100.	99.8

TEMPERATURE 40°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	—	10.	63.1	20.	53.8	30.	43.6	40.	32.1
.2	—	.2	62.9	.2	53.6	.2	43.4	.2	31.8
.4	—	.4	62.7	.4	53.4	.4	43.2	.4	31.6
.6	—	.6	62.6	.6	53.3	.6	42.9	.6	31.3
.8	—	.8	62.4	.8	53.1	.8	42.7	.8	31.1
1.	—	11.	62.2	21.	52.9	31.	42.5	41.	30.8
.2	—	.2	62.0	.2	52.7	.2	42.3	.2	30.6
.4	—	.4	61.8	.4	52.5	.4	42.1	.4	30.3
.6	—	.6	61.7	.6	52.3	.6	41.8	.6	30.1
.8	—	.8	61.5	.8	52.1	.8	41.6	.8	29.8
2.	69.9	12.	61.3	22.	51.9	32.	41.4	42.	29.6
.2	69.7	.2	61.1	.2	51.7	.2	41.2	.2	29.4
.4	69.5	.4	60.9	.4	51.5	.4	41.0	.4	29.1
.6	69.4	.6	60.8	.6	51.4	.6	40.7	.6	28.9
.8	69.2	.8	60.6	.8	51.2	.8	40.5	.8	28.6
3.	69.0	13.	60.4	23.	51.0	33.	40.3	43.	28.4
.2	68.8	.2	60.2	.2	50.8	.2	40.1	.2	28.1
.4	68.7	.4	60.0	.4	50.6	.4	39.9	.4	27.9
.6	68.5	.6	59.9	.6	50.4	.6	39.6	.6	27.6
.8	68.4	.8	59.7	.8	50.2	.8	39.4	.8	27.4
4.	68.2	14.	59.5	24.	50.0	34.	39.2	44.	27.1
.2	68.0	.2	59.3	.2	49.8	.2	39.0	.2	26.8
.4	67.9	.4	59.1	.4	49.6	.4	38.8	.4	26.6
.6	67.7	.6	59.0	.6	49.4	.6	38.6	.6	26.3
.8	67.6	.8	58.8	.8	49.2	.8	38.3	.8	26.1
5.	67.4	15.	58.6	25.	49.0	35.	38.1	45.	25.8
.2	67.2	.2	58.4	.2	48.8	.2	37.9	.2	25.5
.4	67.0	.4	58.2	.4	48.6	.4	37.6	.4	25.3
.6	66.9	.6	58.1	.6	48.3	.6	37.4	.6	25.0
.8	66.7	.8	57.9	.8	48.1	.8	37.1	.8	24.8
6.	66.5	16.	57.7	26.	47.9	36.	36.9	46.	24.5
.2	66.3	.2	57.5	.2	47.7	.2	36.7	.2	24.2
.4	66.2	.4	57.3	.4	47.5	.4	36.4	.4	24.0
.6	66.0	.6	57.1	.6	47.2	.6	36.2	.6	23.7
.8	65.9	.8	56.9	.8	47.0	.8	35.9	.8	23.5
7.	65.7	17.	56.7	27.	46.8	37.	35.7	47.	23.2
.2	65.5	.2	56.5	.2	46.6	.2	35.6	.2	22.9
.4	65.3	.4	56.3	.4	46.4	.4	35.2	.4	22.7
.6	65.2	.6	56.2	.6	46.1	.6	35.0	.6	22.4
.8	65.0	.8	56.0	.8	45.9	.8	34.7	.8	22.2
8.	64.8	18.	55.8	28.	45.7	38.	34.5	48.	21.9
.2	64.6	.2	55.6	.2	45.5	.2	34.3	.2	21.6
.4	64.6	.4	55.4	.4	45.3	.4	34.0	.4	21.4
.6	64.3	.6	55.2	.6	45.1	.6	33.8	.6	21.1
.8	64.2	.8	55.0	.8	44.9	.8	33.5	.8	20.9
9.	64.0	19.	54.8	29.	44.7	39.	33.3	49.	20.6
.2	63.8	.2	54.6	.2	44.5	.2	33.1	.2	20.3
.4	63.6	.4	54.4	.4	44.3	.4	32.8	.4	20.0
.6	63.5	.6	54.2	.6	44.0	.6	32.6	.6	19.8
.8	63.3	.8	54.0	.8	43.8	.8	32.3	.8	19.5
10.	63.1	20.	53.8	30.	43.6	40.	32.1	50.	19.2

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Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	19.2	60	4.8	70.	11.7	80.	32.7	90.	68.7
.2	18.0	.2	4.5	.2	12.1	.2	33.2	.2	69.5
.4	18.7	.4	4.2	.4	12.4	.4	33.7	.4	70.3
.6	18.4	.6	3.9	.6	12.8	.6	31.3	.6	71.1
.8	17.2	.8	3.6	.8	13.1	.8	31.8	.8	71.9
51.	17.9	61	3.3	71.	13.5	81.	35.3	91.	72.7
.2	17.6	.2	3.0	.2	13.9	.2	35.9	.2	73.4
.4	17.3	.4	2.7	.4	14.3	.4	36.4	.4	74.2
.6	17.1	.6	2.4	.6	14.6	.6	37.0	.6	74.9
.8	16.8	.8	2.1	.8	15.0	.8	37.5	.8	75.7
52.	16.5	62	1.8	72.	15.4	82.	38.1	92.	76.4
.2	16.2	.2	1.5	.2	15.8	.2	38.7	.2	77.1
.4	15.9	.4	1.2	.4	16.2	.4	39.3	.4	77.8
.6	15.6	.6	.9	.6	16.5	.6	39.8	.6	78.6
.8	15.3	.8	.6	.8	16.9	.8	40.4	.8	79.3
53.	15.0	63.	.2	73.	17.3	83.	41.0	93.	80.0
.2	14.7	.2	1.8	.2	17.7	.2	41.6	.2	80.7
.4	14.4	.4	1.5	.4	18.1	.4	42.3	.4	81.3
.6	14.2	.6	1.2	.6	18.5	.6	42.9	.6	82.0
.8	13.9	.8	.9	.8	18.9	.8	43.6	.8	82.6
54.	13.6	64.	.8	74.	19.3	84.	44.2	94.	83.3
.2	13.3	.2	.6	.2	19.7	.2	44.9	.2	83.9
.4	13.0	.4	.3	.4	20.1	.4	45.6	.4	84.6
.6	12.8	.6	.2	.6	20.5	.6	46.3	.6	85.2
.8	12.5	.8	.1	.8	20.9	.8	47.0	.8	85.9
55.	12.2	65.	0.9	75.	21.3	85.	47.7	95.	86.5
.2	11.9	.2	.6	.2	21.7	.2	48.5	.2	87.1
.4	11.6	.4	.3	.4	22.1	.4	49.3	.4	87.7
.6	11.3	.6	.2	.6	22.5	.6	50.1	.6	88.2
.8	11.0	.8	.1	.8	22.9	.8	50.9	.8	88.8
56.	10.7	66.	0.6	76.	23.3	86.	51.7	96.	89.4
.2	10.4	.2	.4	.2	23.7	.2	52.5	.2	90.0
.4	10.1	.4	.3	.4	24.2	.4	53.3	.4	90.6
.6	9.9	.6	.2	.6	24.6	.6	54.2	.6	91.1
.8	9.6	.8	.1	.8	25.1	.8	55.0	.8	91.6
57.	9.3	67.	0.4	77.	25.5	87.	55.8	97.	92.2
.2	9.0	.2	.3	.2	26.0	.2	56.7	.2	92.7
.4	8.7	.4	.2	.4	26.4	.4	57.6	.4	93.3
.6	8.4	.6	.1	.6	26.9	.6	58.4	.6	93.8
.8	8.1	.8	0.9	.8	27.3	.8	59.3	.8	94.4
58.	7.8	68.	0.8	78.	27.8	88.	60.2	98.	94.9
.2	7.5	.2	.6	.2	28.3	.2	61.1	.2	95.4
.4	7.2	.4	.4	.4	28.8	.4	61.9	.4	95.9
.6	6.9	.6	.3	.6	29.2	.6	62.8	.6	96.4
.8	6.6	.8	.2	.8	29.7	.8	63.6	.8	96.9
59.	6.3	69.	0.7	79.	30.2	89.	64.5	99.	97.4
.2	6.0	.2	.5	.2	30.7	.2	65.3	.2	97.9
.4	5.7	.4	.4	.4	31.2	.4	66.2	.4	98.4
.6	5.4	.6	.3	.6	31.7	.6	67.0	.6	98.8
.8	5.1	.8	.2	.8	32.2	.8	67.9	.8	99.3</

TEMPERATURE 41°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	—	10.	62.8	20.	53.6	30.	43.4	40.	31.8
.2	—	.2	62.6	.2	53.4	.2	43.2	.2	31.6
.4	—	.4	62.4	.4	53.2	.4	42.9	.4	31.3
.6	—	.6	62.5	.6	53.1	.6	42.7	.6	31.1
.8	—	.8	62.1	.8	52.9	.8	42.4	.8	30.8
1.	—	11.	61.9	21.	52.7	31.	42.2	41.	30.6
.2	—	.2	61.7	.2	52.5	.2	42.0	.2	30.3
.4	—	.4	61.6	.4	52.3	.4	41.8	.4	30.1
.6	—	.6	61.4	.6	52.1	.6	41.5	.6	29.8
.8	69.9	.8	61.3	.8	51.9	.8	41.3	.8	29.6
2.	69.7	12.	61.1	22.	51.7	32.	41.1	42.	29.3
.2	69.5	.2	60.9	.2	51.5	.2	40.9	.2	29.1
.4	69.3	.4	60.7	.4	51.3	.4	40.7	.4	28.8
.6	69.2	.6	60.6	.6	51.1	.6	40.4	.6	28.6
.8	69.0	.8	60.4	.8	50.9	.8	40.2	.8	28.3
3.	68.8	13.	60.2	23.	50.7	33.	40.0	43.	28.1
.2	68.6	.2	60.0	.2	50.5	.2	39.8	.2	27.9
.4	68.5	.4	59.8	.4	50.3	.4	39.6	.4	27.6
.6	68.3	.6	59.7	.6	50.1	.6	39.3	.6	27.3
.8	68.2	.8	59.5	.8	49.9	.8	39.1	.8	27.1
4.	68.0	14.	59.3	24.	49.7	34.	38.9	44.	26.8
.2	67.8	.2	59.1	.2	49.5	.2	38.7	.2	26.5
.4	67.7	.4	58.9	.4	49.3	.4	38.5	.4	26.3
.6	67.5	.6	58.8	.6	49.1	.6	38.2	.6	26.0
.8	67.4	.8	58.6	.8	48.9	.8	38.0	.8	25.8
5.	67.2	15.	58.4	25.	48.7	35.	37.8	45.	25.5
.2	67.0	.2	58.2	.2	48.5	.2	37.6	.2	25.2
.4	66.8	.4	58.0	.4	48.3	.4	37.3	.4	25.0
.6	66.7	.6	57.8	.6	48.0	.6	37.1	.6	24.7
.8	66.5	.8	57.6	.8	47.8	.8	36.8	.8	24.5
6.	66.3	16.	57.4	26.	47.6	36.	36.6	46.	24.2
.2	66.1	.2	57.2	.2	47.4	.2	36.4	.2	23.9
.4	65.9	.4	57.0	.4	47.2	.4	36.1	.4	23.7
.6	65.8	.6	56.9	.6	46.9	.6	35.9	.6	23.4
.8	65.6	.8	56.7	.8	46.7	.8	35.6	.8	23.2
7.	65.4	17.	56.5	27.	46.5	37.	35.4	47.	22.9
.2	65.2	.2	56.3	.2	46.3	.2	35.2	.2	22.6
.4	65.1	.4	56.1	.4	46.1	.4	34.9	.4	22.4
.6	64.9	.6	55.9	.6	45.9	.6	34.7	.6	22.1
.8	64.8	.8	55.7	.8	45.7	.8	34.4	.8	21.9
8.	64.6	18.	55.5	28.	45.5	38.	34.2	48.	21.6
.2	64.4	.2	55.3	.2	45.3	.2	34.0	.2	21.3
.4	64.2	.4	55.1	.4	45.1	.4	33.7	.4	21.0
.6	64.1	.6	55.0	.6	44.9	.6	33.5	.6	20.8
.8	63.9	.8	54.8	.8	44.7	.8	33.2	.8	20.5
9.	63.7	19.	54.6	29.	44.5	39.	33.0	49.	20.2
.2	63.5	.2	54.4	.2	44.3	.2	32.8	.2	19.9
.4	63.3	.4	54.2	.4	44.1	.4	32.5	.4	19.7
.6	63.2	.6	54.0	.6	43.8	.6	32.3	.6	19.4
.8	63.0	.8	53.8	.8	43.6	.8	32.0	.8	19.2
10.	62.8	20.	53.6	30.	43.4	40.	31.8	50.	18.9

TEMPERATURE 41°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	18.9	60.	4.5	70.	12.0	80.	33.1	90.	68.9
.2	18.6	.2	4.2	.2	12.4	.2	33.6	.2	69.7
.4	18.3	.4	3.9	.4	12.7	.4	34.1	.4	70.5
.6	18.1	.6	3.6	.6	13.1	.6	34.7	.6	71.3
.8	17.8	.8	3.3	.8	13.4	.8	35.2	.8	72.1
51.	17.5	61.	3.0	71.	13.8	81.	35.7	91.	72.9
.2	17.2	.2	2.7	.2	14.2	.2	36.3	.2	73.6
.4	16.9	.4	2.4	.4	14.6	.4	36.8	.4	74.3
.6	16.7	.6	2.1	.6	14.9	.6	37.4	.6	75.1
.8	16.4	.8	1.8	.8	15.3	.8	37.9	.8	75.8
52.	16.1	62.	1.5	72.	15.7	82.	38.5	92.	76.5
.2	15.8	.2	1.2	.2	16.1	.2	39.1	.2	77.2
.4	15.5	.4	.9	.4	16.5	.4	39.7	.4	77.9
.6	15.3	.6	.5	.6	16.8	.6	40.2	.6	78.7
.8	15.0	.8	.2	.8	17.2	.8	40.8	.8	79.4
53.	14.7	63.	.1	73.	17.6	83.	41.4	93.	80.1
.2	14.4	.2	.4	.2	18.0	.2	42.0	.2	80.8
.4	14.1	.4	.7	.4	18.4	.4	42.7	.4	81.4
.6	13.9	.6	1.1	.6	18.8	.6	43.3	.6	82.1
.8	13.6	.8	1.4	.8	19.2	.8	44.0	.8	82.7
54.	13.3	64.	1.7	74.	19.6	84.	44.6	94.	83.4
.2	13.0	.2	2.0	.2	20.0	.2	45.3	.2	84.0
.4	12.7	.4	2.3	.4	20.4	.4	46.0	.4	84.6
.6	12.5	.6	2.7	.6	20.8	.6	46.7	.6	85.3
.8	12.2	.8	3.0	.8	21.2	.8	47.4	.8	85.9
55.	11.9	65.	3.3	75.	21.6	85.	48.1	95.	86.5
.2	11.6	.2	3.6	.2	22.0	.2	48.9	.2	87.1
.4	11.3	.4	4.0	.4	22.4	.4	49.7	.4	87.7
.6	11.0	.6	4.3	.6	22.9	.6	50.4	.6	88.3
.8	10.7	.8	4.7	.8	23.3	.8	51.2	.8	88.9
56.	10.4	66.	5.0	76.	23.7	86.	52.0	96.	89.5
.2	10.1	.2	5.3	.2	24.1	.2	52.8	.2	90.1
.4	9.8	.4	5.7	.4	24.6	.4	53.7	.4	90.6
.6	9.6	.6	6.0	.6	25.0	.6	54.5	.6	91.2
.8	9.3	.8	6.4	.8	25.5	.8	55.4	.8	91.7
57.	9.0	67.	6.7	77.	25.9	87.	56.2	97.	92.3
.2	8.7	.2	7.0	.2	26.4	.2	57.1	.2	92.8
.4	8.4	.4	7.4	.4	26.8	.4	57.9	.4	93.3
.6	8.1	.6	7.7	.6	27.3	.6	58.8	.6	93.9
.8	7.8	.8	8.1	.8	27.7	.8	59.6	.8	94.4
58.	7.5	68.	8.4	78.	28.2	88.	60.5	98.	94.9
.2	7.2	.2	8.8	.2	28.7	.2	61.4	.2	95.4
.4	6.9	.4	9.1	.4	29.2	.4	62.2	.4	95.9
.6	6.6	.6	9.5	.6	29.6	.6	63.1	.6	96.4
.8	6.3	.8	9.8	.8	30.1	.8	63.9	.8	96.9
59.	6.0	69.	10.2	79.	30.6	89.	64.8	99.	97.4
.2	5.7	.2	10.6	.2	31.1	.2	65.6	.2	97.9
.4	5.4	.4	10.9	.4	31.6	.4	66.4	.4	98.4
.6	5.1	.6	11.3	.6	32.1	.6	67.3	.6	98.8
.8	4.8	.8	11.6	.8	32.6	.8	68.1	.8	99.3
60.	4.5	70.	12.0	80.	33.1	90.	68.9	100.	99.8

TEMPERATURE 42°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	—	10.	62.6	20.	53.4	30.	43.1	40.	31.5
.2	—	.2	62.4	.2	53.2	.2	42.9	.2	31.3
.4	—	.4	62.2	.4	53.0	.4	42.7	.4	31.0
.6	—	.6	62.1	.6	52.8	.6	42.4	.6	30.8
.8	—	.8	61.9	.8	52.6	.8	42.2	.8	30.5
1.	—	11.	61.7	21.	52.4	31.	42.0	41.	30.3
.2	—	.2	61.5	.2	52.2	.2	41.8	.2	30.0
.4	69.9	.4	61.4	.4	52.0	.4	41.6	.4	29.8
.6	69.8	.6	61.2	.6	51.8	.6	41.3	.6	29.5
.8	69.6	.8	61.1	.8	51.6	.8	41.1	.8	29.3
2.	69.4	12.	60.9	22.	51.4	32.	40.9	42.	29.0
.2	69.2	.2	60.7	.2	51.2	.2	40.7	.2	28.8
.4	69.1	.4	60.5	.4	51.0	.4	40.5	.4	28.5
.6	68.9	.6	60.4	.6	50.8	.6	40.2	.6	28.3
.8	68.8	.8	60.2	.8	50.6	.8	40.0	.8	28.0
3.	68.6	13.	60.0	23.	50.4	33.	39.8	43.	27.8
.2	68.4	.2	59.8	.2	50.2	.2	39.6	.2	27.5
.4	68.3	.4	59.6	.4	50.0	.4	39.3	.4	27.3
.6	68.1	.6	59.5	.6	49.8	.6	39.1	.6	27.0
.8	68.0	.8	59.3	.8	49.6	.8	38.8	.8	26.8
4.	67.8	11.	59.1	21.	49.4	31.	38.6	41.	26.5
.2	67.6	.2	58.9	.2	49.2	.2	38.4	.2	26.2
.4	67.5	.4	58.7	.4	49.0	.4	38.2	.4	26.0
.6	67.3	.6	58.6	.6	48.8	.6	37.9	.6	25.7
.8	67.2	.8	58.4	.8	48.6	.8	37.7	.8	25.5
5.	67.0	15.	58.2	25.	48.4	35.	37.5	45.	25.2
.2	66.8	.2	58.0	.2	48.2	.2	37.3	.2	24.9
.4	66.6	.4	57.8	.4	48.0	.4	37.0	.4	24.7
.6	66.5	.6	57.6	.6	47.7	.6	36.8	.6	24.4
.8	66.3	.8	57.4	.8	47.5	.8	36.5	.8	24.2
6.	66.1	16.	57.2	26.	47.3	36.	36.3	46.	23.9
.2	65.9	.2	57.0	.2	47.1	.2	36.1	.2	23.6
.4	65.7	.4	56.8	.4	46.9	.4	35.8	.4	23.4
.6	65.6	.6	56.7	.6	46.7	.6	35.6	.6	23.1
.8	65.4	.8	56.5	.8	46.5	.8	35.3	.8	22.9
7.	65.2	17.	56.3	27.	46.3	37.	35.1	47.	22.6
.2	65.0	.2	56.1	.2	46.1	.2	34.9	.2	22.3
.4	64.9	.4	55.9	.4	45.9	.4	34.6	.4	22.1
.6	64.7	.6	55.7	.6	45.7	.6	34.4	.6	21.8
.8	64.6	.8	55.5	.8	45.5	.8	34.1	.8	21.6
8.	64.4	18.	55.3	28.	45.3	38.	33.9	48.	21.3
.2	64.2	.2	55.1	.2	45.1	.2	33.7	.2	21.0
.4	64.0	.4	54.9	.4	44.9	.4	33.4	.4	20.7
.6	63.9	.6	54.8	.6	44.6	.6	33.2	.6	20.5
.8	63.7	.8	54.6	.8	44.4	.8	32.9	.8	20.2
9.	63.5	19.	54.4	29.	44.2	39.	32.7	49.	19.9
.2	63.3	.2	54.2	.2	44.0	.2	32.5	.2	19.6
.4	63.1	.4	54.0	.4	43.8	.4	32.2	.4	19.4
.6	63.0	.6	53.8	.6	43.5	.6	32.0	.6	19.1
.8	62.8	.8	53.6	.8	43.3	.8	31.7	.8	18.9
10.	62.6	20.	53.4	30.	43.1	40.	31.5	50.	18.6

TEMPERATURE 42°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
60.	18.6	60.	4.2	70.	12.3	80.	33.4	90.	60.1
.2	18.8	.2	3.9	.2	12.7	.2	33.9	.2	69.9
.4	18.0	.4	3.6	.4	13.0	.4	34.5	.4	70.7
.6	17.8	.6	3.3	.6	13.4	.6	35.0	.6	71.4
.8	17.5	.8	3.0	.8	13.7	.8	35.6	.8	72.2
51.	17.2	61.	2.7	71.	11.1	81.	36.1	91.	73.0
.2	16.9	.2	2.4	.2	11.5	.2	36.6	.2	73.7
.4	16.6	.4	2.1	.4	11.9	.4	37.2	.4	74.5
.6	16.4	.6	1.8	.6	15.2	.6	37.7	.6	75.2
.8	16.1	.8	1.5	.8	15.6	.8	38.3	.8	76.0
52.	15.8	62.	1.2	72.	16.0	82.	38.8	92.	76.7
.2	15.5	.2	.9	.2	16.4	.2	39.4	.2	77.4
.4	15.2	.4	.6	.4	16.8	.4	40.0	.4	78.1
.6	15.0	.6	.2	.6	17.2	.6	40.5	.6	78.8
.8	14.7	.8	.1	.8	17.6	.8	41.1	.8	79.5
53.	14.4	63.	.4	73.	18.0	8.	41.7	93.	80.2
.2	14.1	.2	.7	.2	18.4	.2	42.4	.2	80.8
.4	13.8	.4	1.0	.4	18.8	.4	43.0	.4	81.5
.6	13.6	.6	1.4	.6	19.2	.6	43.7	.6	82.1
.8	13.3	.8	1.7	.8	19.6	.8	44.3	.8	82.8
54.	13.0	64.	2.0	74.	20.0	84.	45.0	94.	83.4
.2	12.7	.2	2.3	.2	20.4	.2	45.7	.2	84.0
.4	12.4	.4	2.6	.4	20.8	.4	46.4	.4	84.7
.6	12.2	.6	3.0	.6	21.2	.6	47.0	.6	85.3
.8	11.9	.8	3.3	.8	21.6	.8	47.7	.8	86.0
55.	11.6	65.	3.6	75.	22.0	85.	48.4	95.	86.6
.2	11.3	.2	3.9	.2	22.4	.2	49.2	.2	87.2
.4	11.0	.4	4.3	.4	22.8	.4	50.0	.4	87.8
.6	10.7	.6	4.6	.6	23.3	.6	50.8	.6	88.3
.8	10.4	.8	5.0	.8	23.7	.8	51.6	.8	88.9
56.	10.1	66.	5.3	76.	24.1	86.	52.4	96.	89.5
.2	9.8	.2	5.7	.2	24.5	.2	53.2	.2	90.1
.4	9.5	.4	6.0	.4	25.0	.4	54.1	.4	90.6
.6	9.3	.6	6.4	.6	25.4	.6	54.9	.6	91.2
.8	9.0	.8	6.7	.8	25.9	.8	55.8	.8	91.7
57.	8.7	67.	7.1	77.	26.3	87.	56.6	97.	92.3
.2	8.4	.2	7.4	.2	26.8	.2	57.1	.2	92.8
.4	8.1	.4	7.8	.4	27.2	.4	58.3	.4	93.3
.6	7.8	.6	8.1	.6	27.7	.6	59.1	.6	93.9
.8	7.5	.8	8.5	.8	28.1	.8	60.0	.8	94.4
58.	7.2	68.	8.8	78.	28.6	88.	60.8	98.	94.9
.2	6.9	.2	9.1	.2	29.1	.2	61.6	.2	95.4
.4	6.6	.4	9.5	.4	29.5	.4	62.4	.4	95.9
.6	6.3	.6	9.8	.6	30.0	.6	63.3	.6	96.4
.8	6.0	.8	10.2	.8	30.4	.8	61.2	.8	96.9
59.	5.7	69.	10.5	79.	30.9	89.	65.0	99.	97.4
.2	5.4	.2	10.9	.2	31.4	.2	65.8	.2	97.9
.4	5.1	.4	11.2	.4	31.9	.4	66.6	.4	98.4
.6	4.8	.6	11.6	.6	32.4	.6	67.5	.6	98.8
.8	4.5	.8	11.9	.8	32.9	.8	68.3	.8	99.3
60.	4.2	70.	12.3	80.	33.4	90.	69.1	100.	99.8

TEMPERATURE 43°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	—	10.	62.4	20.	53.1	30.	42.8	40.	31.2
.2	—	.2	62.2	.2	52.9	.2	42.6	.2	31.0
.4	—	.4	62.0	.4	52.7	.4	42.4	.4	30.7
.6	—	.6	61.9	.6	52.5	.6	42.1	.6	30.5
.8	—	.8	61.7	.8	52.3	.8	41.9	.8	30.2
1.	—	11.	61.5	21.	52.1	31.	41.7	41.	30.0
.2	60.9	.2	61.3	.2	51.9	.2	41.5	.2	29.8
.4	60.7	.4	61.1	.4	51.7	.4	41.3	.4	29.5
.6	60.6	.6	61.0	.6	51.6	.6	41.0	.6	29.3
.8	60.4	.8	60.8	.8	51.4	.8	40.8	.8	29.0
2.	60.2	12.	60.6	22.	51.2	32.	40.6	42.	28.8
.2	60.0	.2	60.4	.2	51.0	.2	40.4	.2	28.5
.4	60.0	.4	60.2	.4	50.8	.4	40.2	.4	28.3
.6	60.0	.6	60.1	.6	50.6	.6	39.9	.6	28.0
.8	60.0	.8	59.9	.8	50.4	.8	39.7	.8	27.8
3.	60.0	13.	59.7	23.	50.2	33.	39.5	43.	27.5
.2	60.0	.2	59.5	.2	50.0	.2	39.3	.2	27.2
.4	60.0	.4	59.3	.4	49.8	.4	39.0	.4	27.0
.6	60.0	.6	59.2	.6	49.6	.6	38.8	.6	26.7
.8	60.0	.8	59.0	.8	49.4	.8	38.5	.8	26.5
4.	60.0	14.	58.8	24.	49.2	34.	38.3	44.	26.2
.2	60.0	.2	58.6	.2	49.0	.2	38.1	.2	25.9
.4	60.0	.4	58.4	.4	48.8	.4	37.9	.4	25.7
.6	60.0	.6	58.3	.6	48.5	.6	37.6	.6	25.4
.8	60.0	.8	58.1	.8	48.3	.8	37.4	.8	25.2
5.	60.0	15.	57.9	25.	48.1	35.	37.2	45.	24.9
.2	60.0	.2	57.7	.2	47.9	.2	37.0	.2	24.6
.4	60.0	.4	57.5	.4	47.7	.4	36.8	.4	24.4
.6	60.0	.6	57.4	.6	47.5	.6	36.5	.6	24.1
.8	60.0	.8	57.2	.8	47.3	.8	36.3	.8	23.9
6.	60.0	16.	57.0	26.	47.1	36.	36.1	46.	23.6
.2	60.0	.2	56.8	.2	46.9	.2	35.8	.2	23.3
.4	60.0	.4	56.6	.4	46.7	.4	35.6	.4	23.1
.6	60.0	.6	56.4	.6	46.4	.6	35.3	.6	22.8
.8	60.0	.8	56.2	.8	46.2	.8	35.1	.8	22.6
7.	60.0	17.	56.0	27.	46.0	37.	34.8	47.	22.3
.2	60.0	.2	55.8	.2	45.8	.2	34.6	.2	22.0
.4	60.0	.4	55.6	.4	45.6	.4	34.3	.4	21.8
.6	60.0	.6	55.5	.6	45.4	.6	34.1	.6	21.5
.8	60.0	.8	55.3	.8	45.2	.8	33.8	.8	21.3
8.	60.0	18.	55.1	28.	45.0	38.	33.6	48.	21.0
.2	60.0	.2	54.9	.2	44.8	.2	33.4	.2	20.7
.4	60.0	.4	54.7	.4	44.6	.4	33.1	.4	20.4
.6	60.0	.6	54.5	.6	44.3	.6	32.9	.6	20.2
.8	60.0	.8	54.3	.8	44.1	.8	32.6	.8	19.9
9.	60.0	19.	54.1	29.	43.9	39.	32.4	49.	19.6
.2	60.0	.2	53.9	.2	43.7	.2	32.2	.2	19.3
.4	60.0	.4	53.7	.4	43.5	.4	31.9	.4	19.1
.6	60.0	.6	53.5	.6	43.2	.6	31.7	.6	18.8
.8	60.0	.8	53.3	.8	43.0	.8	31.4	.8	18.6
10.	60.0	20.	53.1	30.	42.8	40.	31.2	50.	18.3

TEMPERATURE 43°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	18.8	60.	3.8	70.	12.0	80.	33.8	90.	69.9		
.2	18.0	.2	3.5	.2	13.0	.2	34.3	.2	70.1		
.4	17.7	.4	3.2	.4	13.4	.4	34.9	.4	70.9		
.6	17.5	.6	2.9	.6	13.7	.6	35.4	.6	71.6		
.8	17.2	.8	2.6	.8	14.1	.8	36.0	.8	72.4		
51.	16.9	61.	2.3	71.	14.5	81.	36.5	91.	73.2		
.2	16.6	.2	2.0	.2	14.9	.2	37.0	.2	73.9		
.4	16.3	.4	1.7	.4	15.3	.4	37.6	.4	74.6		
.6	16.	.6	1.4	.6	15.6	.6	38.1	.6	75.4		
.8	15.8	.8	1.1	.8	16.0	.8	38.7	.8	76.1		
52.	15.5	62.	.8	72.	16.4	82.	39.2	92.	76.8		
.2	15.2	.2	.5	.2	16.8	.2	39.8	.2	77.5		
.4	14.9	.4	.2	.4	17.2	.4	40.4	.4	78.2		
.6	14.7	.6	.2	.6	17.5	.6	40.9	.6	78.8		
.8	14.4	.8	.5	.8	17.9	.8	41.5	.8	79.5		
53.	14.1	63.	.8	73.	18.3	83.	42.1	93.	80.2		
.2	13.8	.2	1.1	.2	18.7	.2	42.7	.2	80.9		
.4	13.5	.4	1.4	.4	19.1	.4	43.1	.4	81.5		
.6	13.3	.6	1.6	.6	19.5	.6	43.7	.6	82.2		
.8	13.0	.8	2.1	.8	19.9	.8	44.3	.8	82.8		
54.	12.7	64.	2.4	74.	20.3	84.	44.9	94.	83.5		
.2	12.4	.2	2.7	.2	20.7	.2	45.5	.2	84.1		
.4	12.1	.4	3.0	.4	21.1	.4	46.1	.4	84.7		
.6	11.8	.6	3.4	.6	21.5	.6	46.7	.6	85.4		
.8	11.5	.8	3.7	.8	21.9	.8	47.3	.8	86.0		
55.	11.2	65.	4.0	75.	22.3	85.	47.9	95.	86.6		
.2	10.9	.2	4.3	.2	22.7	.2	48.5	.2	87.2		
.4	10.6	.4	4.7	.4	23.1	.4	49.1	.4	87.8		
.6	10.4	.6	5.0	.6	23.5	.6	49.7	.6	88.3		
.8	10.1	.8	5.4	.8	24.0	.8	50.3	.8	88.9		
56.	9.8	66.	5.7	76.	24.4	86.	50.9	96.	89.5		
.2	9.5	.2	6.0	.2	24.8	.2	51.5	.2	90.1		
.4	9.2	.4	6.4	.4	25.3	.4	52.1	.4	90.6		
.6	9.0	.6	6.7	.6	25.7	.6	52.7	.6	91.2		
.8	8.7	.8	7.1	.8	26.2	.8	53.3	.8	91.7		
57.	8.4	67.	7.4	77.	26.6	87.	53.9	97.	92.3		
.2	8.1	.2	7.7	.2	27.1	.2	54.5	.2	92.8		
.4	7.8	.4	8.1	.4	27.5	.4	55.1	.4	93.4		
.6	7.5	.6	8.4	.6	28.0	.6	55.7	.6	93.9		
.8	7.2	.8	8.8	.8	28.4	.8	56.3	.8	94.5		
58.	6.9	68.	9.1	78.	28.9	88.	56.9	98.	95.0		
.2	6.6	.2	9.4	.2	29.4	.2	57.5	.2	95.5		
.4	6.3	.4	9.8	.4	29.9	.4	58.1	.4	96.0		
.6	5.9	.6	10.1	.6	30.3	.6	58.7	.6	96.4		
.8	5.6	.8	10.5	.8	30.8	.8	59.3	.8	96.9		
59.	5.3	69.	10.8	79.	31.3	89.	59.9	99.	97.4		
.2	5.0	.2	11.2	.2	31.8	.2	60.5	.2	97.9		
.4	4.7	.4	11.5	.4	32.3	.4	61.1	.4	98.4		
.6	4.4	.6	11.9	.6	32.8	.6	61.7	.6	98.9		
.8	4.1	.8	12.2	.8	33.3	.8	62.3	.8	99.3		
60.	3.8	70.	12.6	80.	33.8	90.	62.9	100.	99.8		

TEMPERATURE 44°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	—	10.	62.2	20.	52.8	30.	42.5	40.	30.9
.2	—	.2	62.0	.2	52.6	.2	42.3	.2	30.7
.4	—	.4	61.8	.4	52.4	.4	42.1	.4	30.4
.6	—	.6	61.7	.6	52.3	.6	41.8	.6	30.2
.8	—	.8	61.5	.8	52.1	.8	41.6	.8	29.9
1.	69.9	11.	61.3	21.	51.9	31.	41.4	41.	29.7
.2	69.7	.2	61.1	.2	51.7	.2	41.2	.2	29.5
.4	69.5	.4	60.9	.4	51.5	.4	41.0	.4	29.2
.6	69.4	.6	60.8	.6	51.4	.6	40.7	.6	29.0
.8	69.2	.8	60.6	.8	51.2	.8	40.5	.8	28.7
2.	69.0	12.	60.4	22.	51.0	32.	40.3	42.	28.5
.2	68.8	.2	60.2	.2	50.8	.2	40.1	.2	28.2
.4	68.7	.4	60.0	.4	50.6	.4	39.9	.4	28.0
.6	68.5	.6	59.9	.6	50.4	.6	39.6	.6	27.7
.8	68.4	.8	59.7	.8	50.2	.8	39.4	.8	27.5
3.	68.2	13.	59.5	23.	50.0	33.	39.2	43.	27.2
.2	68.0	.2	59.3	.2	49.8	.2	39.0	.2	26.9
.4	67.8	.4	59.1	.4	49.6	.4	38.8	.4	26.7
.6	67.7	.6	59.0	.6	49.4	.6	38.5	.6	26.4
.8	67.5	.8	58.8	.8	49.2	.8	38.3	.8	26.2
4.	67.3	14.	58.6	24.	49.0	34.	38.1	44.	25.9
.2	67.1	.2	58.4	.2	48.8	.2	37.9	.2	25.6
.4	67.0	.4	58.2	.4	48.6	.4	37.6	.4	25.4
.6	66.8	.6	58.0	.6	48.3	.6	37.4	.6	25.1
.8	66.7	.8	57.8	.8	48.1	.8	37.1	.8	24.9
5.	66.5	15.	57.6	25.	47.9	35.	36.9	45.	24.6
.2	66.3	.2	57.4	.2	47.7	.2	36.7	.2	24.3
.4	66.1	.4	57.2	.4	47.5	.4	36.5	.4	24.1
.6	66.0	.6	57.1	.6	47.2	.6	36.2	.6	23.8
.8	65.8	.8	56.9	.8	47.0	.8	36.0	.8	23.6
6.	65.6	16.	56.7	26.	46.8	36.	35.8	46.	23.3
.2	65.4	.2	56.5	.2	46.6	.2	35.5	.2	23.0
.4	65.3	.4	56.3	.4	46.4	.4	35.3	.4	22.8
.6	65.1	.6	56.2	.6	46.1	.6	35.0	.6	22.5
.8	65.0	.8	56.0	.8	45.9	.8	34.8	.8	22.3
7.	64.8	17.	55.8	27.	45.7	37.	34.5	47.	22.0
.2	64.6	.2	55.6	.2	45.5	.2	34.3	.2	21.7
.4	64.4	.4	55.4	.4	45.3	.4	34.0	.4	21.5
.6	64.3	.6	55.2	.6	45.1	.6	33.8	.6	21.2
.8	64.1	.8	55.0	.8	44.9	.8	33.5	.8	21.0
8.	63.9	18.	54.8	28.	44.7	38.	33.3	48.	20.7
.2	63.7	.2	54.6	.2	44.5	.2	33.1	.2	20.4
.4	63.5	.4	54.4	.4	44.3	.4	32.8	.4	20.1
.6	63.4	.6	54.2	.6	44.1	.6	32.6	.6	19.9
.8	63.2	.8	54.0	.8	43.9	.8	32.3	.8	19.6
9.	63.0	19.	53.8	29.	43.7	39.	32.1	49.	19.3
.2	62.8	.2	53.6	.2	43.5	.2	31.9	.2	19.0
.4	62.7	.4	53.4	.4	43.2	.4	31.6	.4	18.8
.6	62.5	.6	53.2	.6	43.0	.6	31.4	.6	18.5
.8	62.4	.8	53.0	.8	42.7	.8	31.1	.8	18.3
10.	62.2	20.	52.8	30.	42.5	40.	30.9	50.	18.0

TEMPERATURE 44°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	18.0	60.	3.5	70.	13.0	80.	34.2	90.	69.5		
.2	17.7	.2	3.2	.2	12.4	.2	34.7	.2	70.3		
.4	17.4	.4	2.9	.4	13.7	.4	35.2	.4	71.0		
.6	17.2	.6	2.6	.6	14.1	.6	35.8	.6	71.8		
.8	16.9	.8	2.3	.8	14.4	.8	36.3	.8	72.5		
51.	16.6	61.	2.0	71.	14.8	81.	36.8	91.	73.3		
.2	16.3	.2	1.7	.2	15.2	.2	37.4	.2	74.0		
.4	16.0	.4	1.4	.4	15.6	.4	37.9	.4	74.7		
.6	15.8	.6	1.1	.6	15.9	.6	38.5	.6	75.5		
.8	15.5	.8	.8	.8	16.3	.8	39.0	.8	76.2		
52.	15.2	62.	.5	72.	16.7	82.	39.6	92.	76.9		
.2	14.9	.2	.2	.2	17.1	.2	40.2	.2	77.6		
.4	14.6	.4	.1	.4	17.5	.4	40.8	.4	78.3		
.6	14.4	.6	.5	.6	17.9	.6	41.3	.6	78.9		
.8	14.1	.8	.8	.8	18.3	.8	41.9	.8	79.6		
53.	13.8	63.	1.1	73.	18.7	83.	42.5	93.	80.3		
.2	13.5	.2	1.1	.2	19.1	.2	43.1	.2	81.0		
.4	13.2	.4	1.7	.4	19.5	.4	43.8	.4	81.6		
.6	13.0	.6	2.1	.6	19.9	.6	44.4	.6	82.3		
.8	12.7	.8	2.4	.8	20.3	.8	45.1	.8	82.9		
54.	12.4	64.	2.7	74.	20.7	84.	45.7	94.	83.6		
.2	12.1	.2	3.0	.2	21.1	.2	46.4	.2	84.2		
.4	11.8	.4	3.3	.4	21.5	.4	47.1	.4	84.8		
.6	11.6	.6	3.7	.6	21.9	.6	47.8	.6	85.5		
.8	11.2	.8	4.0	.8	22.3	.8	48.5	.8	86.1		
55.	10.9	65.	4.3	75.	22.7	85.	49.2	95.	86.7		
.2	10.6	.2	4.6	.2	23.1	.2	50.0	.2	87.3		
.4	10.3	.4	5.0	.4	23.5	.4	50.8	.4	87.9		
.6	10.7	.6	5.3	.6	24.0	.6	51.6	.6	88.4		
.8	9.8	.8	5.7	.8	24.4	.8	52.4	.8	89.0		
56.	9.5	66.	6.0	76.	24.8	86.	53.2	96.	89.6		
.2	9.2	.2	6.3	.2	25.2	.2	54.0	.2	90.1		
.4	8.9	.4	6.7	.4	25.7	.4	54.8	.4	90.7		
.6	8.6	.6	7.0	.6	26.1	.6	55.7	.6	91.2		
.8	8.3	.8	7.4	.8	26.6	.8	56.5	.8	91.8		
57.	8.0	67.	7.7	77.	27.0	87.	57.3	97.	92.3		
.2	7.7	.2	8.0	.2	27.5	.2	58.1	.2	92.8		
.4	7.4	.4	8.4	.4	27.9	.4	58.9	.4	93.4		
.6	7.2	.6	8.7	.6	28.4	.6	59.8	.6	93.9		
.8	6.9	.8	9.1	.8	28.8	.8	60.6	.8	94.5		
58.	6.6	68.	9.4	78.	29.3	88.	61.4	98.	95.0		
.2	6.3	.2	9.8	.2	29.8	.2	62.2	.2	95.5		
.4	6.0	.4	10.1	.4	30.3	.4	63.0	.4	96.0		
.6	5.7	.6	10.5	.6	30.7	.6	63.9	.6	96.5		
.8	5.4	.8	10.8	.8	31.2	.8	64.7	.8	97.0		
59.	5.1	69.	11.2	79.	31.7	89.	65.5	99.	97.5		
.2	4.8	.2	11.6	.2	32.2	.2	66.3	.2	98.0		
.4	4.5	.4	11.9	.4	32.7	.4	67.1	.4	98.5		
.6	4.1	.6	12.3	.6	33.2	.6	67.9	.6	98.9		
.8	3.8	.8	12.6	.8	33.7	.8	68.7	.8	99.4		
60.	3.5	70.	13.0	80.	34.2	90.	69.5	100.	99.9		

TEMPERATURE 45°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	—	10.	61.9	20.	52.6	30.	42.2	40.	36.7
.2	—	.2	61.7	.2	52.4	.2	42.0	.2	36.4
.4	—	.4	61.5	.4	52.2	.4	41.8	.4	36.2
.6	70.0	.6	61.4	.6	52.1	.6	41.5	.6	29.9
.8	69.8	.8	61.2	.8	51.9	.8	41.3	.8	29.7
1.	69.6	11.	61.0	21.	51.7	31.	41.1	41.	29.4
.2	69.4	.2	60.8	.2	51.5	.2	40.9	.2	29.2
.4	69.3	.4	60.6	.4	51.3	.4	40.7	.4	28.9
.6	69.1	.6	60.5	.6	51.1	.6	40.4	.6	28.7
.8	69.0	.8	60.3	.8	50.9	.8	40.2	.8	28.4
2.	68.8	12.	60.1	22.	50.7	32.	40.0	42.	28.2
.2	68.6	.2	59.9	.2	50.5	.2	39.8	.2	27.9
.4	68.5	.4	59.7	.4	50.3	.4	39.6	.4	27.7
.6	68.3	.6	59.6	.6	50.1	.6	39.3	.6	27.4
.8	68.2	.8	59.4	.8	49.9	.8	39.1	.8	27.2
3.	68.0	13.	59.2	23.	49.7	33.	38.9	43.	26.9
.2	67.8	.2	59.0	.2	49.5	.2	38.7	.2	26.6
.4	67.7	.4	58.8	.4	49.3	.4	38.5	.4	26.4
.6	67.5	.6	58.7	.6	49.1	.6	38.2	.6	26.1
.8	67.4	.8	58.5	.8	48.9	.8	38.0	.8	25.9
4.	67.2	14.	58.3	24.	48.7	34.	37.8	44.	25.6
.2	67.0	.2	58.1	.2	48.5	.2	37.6	.2	25.4
.4	66.8	.4	57.9	.4	48.3	.4	37.3	.4	25.1
.6	66.7	.6	57.8	.6	48.0	.6	37.1	.6	24.9
.8	66.5	.8	57.6	.8	47.8	.8	36.8	.8	24.6
5.	66.3	15.	57.4	25.	47.6	35.	36.6	45.	24.4
.2	66.1	.2	57.2	.2	47.4	.2	36.4	.2	24.1
.4	65.9	.4	57.0	.4	47.2	.4	36.2	.4	23.9
.6	65.8	.6	56.8	.6	46.9	.6	35.9	.6	23.6
.8	65.6	.8	56.6	.8	46.7	.8	35.7	.8	23.4
6.	65.4	16.	56.4	26.	46.5	36.	35.5	46.	23.1
.2	65.2	.2	56.2	.2	46.3	.2	35.3	.2	22.8
.4	65.0	.4	56.0	.4	46.1	.4	35.0	.4	22.5
.6	64.9	.6	55.9	.6	45.9	.6	34.8	.6	22.3
.8	64.7	.8	55.7	.8	45.7	.8	34.5	.8	22.0
7.	64.5	17.	55.5	27.	45.5	37.	34.3	47.	21.7
.2	64.3	.2	55.3	.2	45.3	.2	34.1	.2	21.4
.4	64.2	.4	55.1	.4	45.1	.4	33.8	.4	21.1
.6	64.0	.6	55.0	.6	44.9	.6	33.6	.6	20.9
.8	63.9	.8	54.8	.8	44.7	.8	33.3	.8	20.6
8.	63.7	18.	54.6	28.	44.5	38.	33.1	48.	20.3
.2	63.5	.2	54.4	.2	44.3	.2	32.8	.2	20.0
.4	63.3	.4	54.2	.4	44.1	.4	32.6	.4	19.8
.6	63.2	.6	54.0	.6	43.8	.6	32.3	.6	19.5
.8	63.0	.8	53.8	.8	43.6	.8	32.1	.8	19.3
9.	62.8	19.	53.6	29.	43.4	39.	31.8	49.	19.0
.2	62.6	.2	53.4	.2	43.2	.2	31.6	.2	18.7
.4	62.4	.4	53.2	.4	42.9	.4	31.4	.4	18.5
.6	62.3	.6	53.0	.6	42.7	.6	31.1	.6	18.2
.8	62.1	.8	52.8	.8	42.4	.8	30.9	.8	18.0
10.	61.9	20.	52.6	30.	42.2	40.	30.7	50.	17.7

TEMPERATURE 45°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	17.7	60.	3.2	70.	13.4	80.	34.5	90.	60.7
.2	17.4	.2	2.9	.2	13.8	.2	35.0	.2	70.5
.4	17.1	.4	2.6	.4	14.1	.4	35.6	.4	71.2
.6	16.9	.6	2.3	.6	14.5	.6	36.1	.6	72.0
.8	16.6	.8	2.0	.8	14.8	.8	36.7	.8	72.7
51.	16.3	61.	1.7	71.	15.2	81.	37.2	91.	73.5
.2	16.0	.2	1.4	.2	15.6	.2	37.7	.2	74.2
.4	15.7	.4	1.1	.4	16.0	.4	38.3	.4	74.9
.6	15.5	.6	.8	.6	16.3	.6	38.8	.6	75.6
.8	15.2	.8	.5	.8	16.7	.8	39.4	.8	76.3
52.	14.9	62.	.2	72.	17.1	82.	39.9	92.	77.0
.2	14.6	.2	.1	.2	17.5	.2	40.5	.2	77.7
.4	14.3	.4	.4	.4	17.9	.4	41.1	.4	78.4
.6	14.1	.6	.8	.6	18.3	.6	41.6	.6	79.0
.8	13.8	.8	1.1	.8	18.7	.8	42.2	.8	79.7
53.	13.5	63.	1.4	73.	19.1	83.	42.8	93.	80.4
.2	13.2	.2	1.7	.2	19.5	.2	43.5	.2	81.1
.4	12.9	.4	2.1	.4	19.9	.4	44.1	.4	81.7
.6	12.7	.6	2.4	.6	20.3	.6	44.8	.6	82.4
.8	12.4	.8	2.8	.8	20.7	.8	45.4	.8	83.0
54.	12.1	64.	3.1	74.	21.1	84.	46.1	94.	83.7
.2	11.8	.2	3.4	.2	21.5	.2	46.8	.2	84.3
.4	11.5	.4	3.7	.4	21.9	.4	47.5	.4	84.9
.6	11.2	.6	4.1	.6	22.3	.6	48.2	.6	85.5
.8	10.9	.8	4.4	.8	22.7	.8	48.9	.8	86.1
55.	10.6	65.	4.7	75.	23.1	85.	49.6	95.	86.7
.2	10.3	.2	5.0	.2	23.5	.2	50.4	.2	87.3
.4	10.0	.4	5.4	.4	23.9	.4	51.2	.4	87.9
.6	9.7	.6	5.7	.6	24.4	.6	52.0	.6	88.4
.8	9.4	.8	6.1	.8	24.8	.8	52.8	.8	89.0
56.	9.1	66.	6.4	76.	25.2	86.	53.6	96.	89.6
.2	8.8	.2	6.7	.2	25.6	.2	54.4	.2	90.2
.4	8.5	.4	7.1	.4	26.1	.4	55.2	.4	90.7
.6	8.3	.6	7.4	.6	26.5	.6	56.0	.6	91.3
.8	8.0	.8	7.8	.8	27.0	.8	56.8	.8	91.8
57.	7.7	67.	8.1	77.	27.4	87.	57.6	97.	92.4
.2	7.4	.2	8.4	.2	27.9	.2	58.4	.2	92.9
.4	7.1	.4	8.8	.4	28.3	.4	59.2	.4	93.4
.6	6.8	.6	9.1	.6	28.8	.6	60.1	.6	94.0
.8	6.5	.8	9.5	.8	29.2	.8	60.9	.8	94.5
58.	6.2	68.	9.8	78.	29.7	88.	61.7	98.	95.0
.2	5.9	.2	10.2	.2	30.2	.2	62.5	.2	95.5
.4	5.6	.4	10.5	.4	30.6	.4	63.3	.4	96.0
.6	5.3	.6	10.9	.6	31.1	.6	64.2	.6	96.5
.8	5.0	.8	11.2	.8	31.5	.8	65.0	.8	97.0
59.	4.7	69.	11.6	79.	32.0	89.	65.8	99.	97.5
.2	4.4	.2	12.0	.2	32.5	.2	66.6	.2	98.0
.4	4.1	.4	12.3	.4	33.0	.4	67.4	.4	98.5
.6	3.8	.6	12.7	.6	33.5	.6	68.1	.6	98.9
.8	3.5	.8	13.0	.8	34.0	.8	68.9	.8	99.4
60.	3.2	70.	13.4	80.	34.5	90.	69.7	100.	99.9

TEMPERATURE 46°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	—	10.	61.7	20.	52.4	30.	41.9	40.	30.4
.2	—	.2	61.5	.2	52.2	.2	41.7	.2	30.1
.4	60.9	.4	61.3	.4	52.0	.4	41.5	.4	29.9
.6	60.8	.6	61.2	.6	51.8	.6	41.3	.6	29.6
.8	60.6	.8	61.0	.8	51.6	.8	41.1	.8	29.4
1.	60.4	11.	60.8	21.	51.4	31.	40.9	41.	29.1
.2	60.2	.2	60.6	.2	51.2	.2	40.7	.2	28.9
.4	60.1	.4	60.4	.4	51.0	.4	40.5	.4	28.6
.6	60.0	.6	60.3	.6	50.8	.6	40.3	.6	28.4
.8	60.0	.8	60.1	.8	50.6	.8	40.0	.8	28.1
2.	60.0	12.	59.9	22.	50.4	32.	39.8	42.	27.0
.2	60.4	.2	59.7	.2	50.2	.2	39.6	.2	27.6
.4	60.2	.4	59.5	.4	50.0	.4	39.3	.4	27.4
.6	60.1	.6	59.4	.6	49.8	.6	39.1	.6	27.1
.8	60.0	.8	59.2	.8	49.6	.8	38.8	.8	26.9
3.	60.0	13.	59.0	23.	49.4	33.	38.6	43.	26.6
.2	60.5	.2	58.8	.2	49.2	.2	38.4	.2	26.3
.4	60.4	.4	58.6	.4	49.0	.4	38.2	.4	26.1
.6	60.2	.6	58.5	.6	48.8	.6	37.9	.6	25.8
.8	60.1	.8	58.3	.8	48.6	.8	37.7	.8	25.6
4.	60.0	14.	58.1	24.	48.4	34.	37.5	44.	25.3
.2	60.7	.2	57.9	.2	48.2	.2	37.3	.2	25.1
.4	60.6	.4	57.7	.4	48.0	.4	37.0	.4	24.8
.6	60.4	.6	57.0	.6	47.7	.6	36.8	.6	24.6
.8	60.3	.8	57.4	.8	47.5	.8	36.5	.8	24.3
5.	60.1	15.	57.2	25.	47.3	35.	36.3	45.	24.1
.2	60.5	.2	57.0	.2	47.1	.2	36.1	.2	23.8
.4	60.5	.4	56.8	.4	46.9	.4	35.9	.4	23.6
.6	60.6	.6	56.6	.6	46.7	.6	35.6	.6	23.3
.8	60.4	.8	56.4	.8	46.5	.8	35.4	.8	23.1
6.	60.5	16.	56.2	26.	46.3	36.	35.2	46.	22.8
.2	60.0	.2	56.0	.2	46.1	.2	35.0	.2	22.5
.4	61.8	.4	55.8	.4	45.9	.4	34.7	.4	22.2
.6	61.7	.6	55.7	.6	45.7	.6	34.5	.6	22.0
.8	61.5	.8	55.5	.8	45.5	.8	34.2	.8	21.7
7.	61.3	17.	55.3	27.	45.3	37.	34.0	47.	21.4
.2	61.1	.2	55.1	.2	45.1	.2	33.8	.2	21.1
.4	61.0	.4	54.9	.4	44.9	.4	33.5	.4	20.8
.6	60.8	.6	54.8	.6	44.6	.6	33.3	.6	20.6
.8	60.7	.8	54.6	.8	44.4	.8	33.0	.8	20.3
8.	60.5	18.	54.4	28.	44.2	38.	32.8	48.	20.0
.2	60.3	.2	54.2	.2	44.0	.2	32.6	.2	19.7
.4	60.1	.4	54.0	.4	43.8	.4	32.3	.4	19.5
.6	60.0	.6	53.8	.6	43.5	.6	32.1	.6	19.2
.8	60.0	.8	53.6	.8	43.3	.8	31.8	.8	19.0
9.	60.0	19.	53.4	29.	43.1	39.	31.6	49.	18.7
.2	60.4	.2	53.2	.2	42.9	.2	31.4	.2	18.4
.4	60.2	.4	53.0	.4	42.7	.4	31.1	.4	18.1
.6	60.1	.6	52.8	.6	42.4	.6	30.9	.6	17.9
.8	60.0	.8	52.6	.8	42.2	.8	30.6	.8	17.6
10.	61.7	20.	52.4	30.	41.9	40.	30.4	50.	17.3

TEMPERATURE 46°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
60.	17.3	60.	2.9	70.	13.7	80.	31.9	90.	60.9		
.2	17.0	.2	2.6	.2	14.1	.2	35.4	.2	70.6		
.4	16.8	.4	2.3	.4	14.5	.4	36.0	.4	71.4		
.6	16.5	.6	2.0	.6	14.9	.6	36.5	.6	72.1		
.8	16.3	.8	1.7	.8	15.2	.8	37.1	.8	72.9		
61.	16.0	61.	1.4	71.	15.6	81.	37.6	91.	73.6		
.2	15.7	.2	1.1	.2	16.0	.2	38.1	.2	74.3		
.4	15.4	.4	.8	.4	16.4	.4	38.7	.4	75.0		
.6	15.2	.6	.4	.6	16.7	.6	39.2	.6	75.8		
.8	14.0	.8	.1	.8	17.1	.8	39.8	.8	76.5		
62.	14.6	62.	.2	72.	17.5	82.	40.3	92.	77.2		
.2	14.3	.2	.8	.2	17.9	.2	40.9	.2	77.9		
.4	14.0	.4	.8	.4	18.3	.4	41.5	.4	78.5		
.6	13.7	.6	1.1	.6	18.6	.6	42.0	.6	79.2		
.8	13.4	.8	1.4	.8	19.0	.8	42.6	.8	79.8		
63.	13.1	63.	1.7	73.	19.4	83.	43.2	93.	80.5		
.2	12.8	.2	2.0	.2	19.8	.2	43.9	.2	81.1		
.4	12.5	.4	2.1	.4	20.2	.4	44.5	.4	81.8		
.6	12.3	.6	2.7	.6	20.6	.6	45.2	.6	82.4		
.8	12.0	.8	3.1	.8	21.0	.8	45.8	.8	83.1		
64.	11.7	64.	3.4	74.	21.4	84.	46.5	94.	83.7		
.2	11.4	.2	3.7	.2	21.8	.2	47.2	.2	84.3		
.4	11.1	.4	4.1	.4	22.2	.4	47.9	.4	84.9		
.6	10.9	.6	4.4	.6	22.6	.6	48.6	.6	85.6		
.8	10.6	.8	4.8	.8	23.0	.8	49.3	.8	86.2		
65.	10.3	65.	5.1	75.	23.4	85.	50.0	95.	86.8		
.2	10.0	.2	5.4	.2	23.8	.2	50.8	.2	87.4		
.4	9.7	.4	5.7	.4	24.2	.4	51.6	.4	88.0		
.6	9.4	.6	6.1	.6	24.7	.6	52.3	.6	88.5		
.8	9.1	.8	6.4	.8	25.1	.8	53.1	.8	89.1		
66.	8.8	66.	6.7	76.	25.5	86.	53.9	96.	89.7		
.2	8.5	.2	7.0	.2	25.9	.2	54.7	.2	90.2		
.4	8.2	.4	7.4	.4	26.4	.4	55.5	.4	90.8		
.6	7.9	.6	7.7	.6	26.8	.6	56.4	.6	91.3		
.8	7.6	.8	8.1	.8	27.3	.8	57.2	.8	91.9		
67.	7.3	67.	8.4	77.	27.7	87.	58.0	97.	92.4		
.2	7.0	.2	8.7	.2	28.2	.2	58.8	.2	92.9		
.4	6.7	.4	9.1	.4	28.6	.4	59.6	.4	93.4		
.6	6.5	.6	9.4	.6	29.1	.6	60.4	.6	94.0		
.8	6.2	.8	9.8	.8	29.5	.8	61.2	.8	94.5		
68.	5.9	68.	10.1	78.	30.0	88.	62.0	98.	95.0		
.2	5.6	.2	10.5	.2	30.5	.2	62.8	.2	95.5		
.4	5.3	.4	10.8	.4	31.0	.4	63.6	.4	96.0		
.6	5.0	.6	11.2	.6	31.4	.6	64.4	.6	96.5		
.8	4.7	.8	11.5	.8	31.9	.8	65.2	.8	97.0		
69.	4.4	69.	11.9	79.	32.4	89.	66.0	99.	97.5		
.2	4.1	.2	12.3	.2	32.9	.2	66.8	.2	98.0		
.4	3.8	.4	12.6	.4	33.4	.4	67.6	.4	98.5		
.6	3.5	.6	13.0	.6	33.9	.6	68.3	.6	98.9		
.8	3.2	.8	13.2	.8	34.4	.8	69.1	.8	99.4		
70.	2.9	70.	13.7	80.	34.9	90.	69.9	100.	99.9		

TEMPERATURE 47°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	70.0	10.	61.5	20.	52.1	30.	41.7	40.	30.1
.2	69.8	.2	61.3	.2	51.9	.2	41.5	.2	29.8
.4	69.6	.4	61.1	.4	51.7	.4	41.3	.4	29.6
.6	69.5	.6	61.0	.6	51.5	.6	41.0	.6	29.3
.8	69.3	.8	60.8	.8	51.3	.8	40.8	.8	29.1
1.	69.1	11.	60.6	21.	51.1	31.	40.6	41.	28.8
.2	68.9	.2	60.4	.2	50.9	.2	40.4	.2	28.6
.4	68.8	.4	60.2	.4	50.7	.4	40.2	.4	28.3
.6	68.6	.6	60.1	.6	50.5	.6	39.9	.6	28.1
.8	68.5	.8	59.9	.8	50.3	.8	39.7	.8	27.8
2	68.3	12.	59.7	22.	50.1	32.	39.5	42.	27.6
.2	68.1	.2	59.5	.2	49.9	.2	39.3	.2	27.3
.4	68.0	.4	59.3	.4	49.7	.4	39.0	.4	27.1
.6	67.8	.6	59.2	.6	49.6	.6	38.8	.6	26.8
.8	67.7	.8	59.0	.8	49.4	.8	38.5	.8	26.6
3.	67.5	13.	58.8	23.	49.2	33.	38.3	43.	26.3
.2	67.3	.2	58.6	.2	49.0	.2	38.1	.2	26.0
.4	67.2	.4	58.4	.4	48.8	.4	37.9	.4	25.8
.6	67.0	.6	58.3	.6	48.5	.6	37.6	.6	25.5
.8	66.9	.8	58.1	.8	48.3	.8	37.4	.8	25.3
4.	66.7	11.	57.9	21.	48.1	31.	37.2	41.	25.0
.2	66.5	.2	57.7	.2	47.9	.2	37.0	.2	24.7
.4	66.3	.4	57.5	.4	47.7	.4	36.8	.4	24.5
.6	66.2	.6	57.3	.6	47.5	.6	36.5	.6	24.2
.8	66.0	.8	57.1	.8	47.3	.8	36.3	.8	24.0
5.	65.8	15.	56.9	25.	47.1	35.	36.1	45.	23.7
.2	65.6	.2	56.7	.2	46.9	.2	35.9	.2	23.4
.4	65.5	.4	56.5	.4	46.7	.4	35.6	.4	23.2
.6	65.3	.6	56.4	.6	46.4	.6	35.4	.6	22.9
.8	65.2	.8	56.2	.8	46.2	.8	35.1	.8	22.7
6.	65.0	16.	56.0	26.	46.0	36.	34.9	46.	22.4
.2	64.8	.2	55.8	.2	45.8	.2	34.7	.2	22.1
.4	64.6	.4	55.6	.4	45.6	.4	34.4	.4	21.9
.6	64.5	.6	55.4	.6	45.4	.6	34.2	.6	21.6
.8	64.3	.8	55.2	.8	45.2	.8	33.9	.8	21.4
7.	64.1	17.	55.0	27.	45.0	37.	33.7	47.	21.1
.2	63.9	.2	54.8	.2	44.8	.2	33.5	.2	20.8
.4	63.7	.4	54.6	.4	44.6	.4	33.2	.4	20.5
.6	63.6	.6	54.5	.6	44.3	.6	33.0	.6	20.3
.8	63.4	.8	54.3	.8	44.1	.8	32.7	.8	20.0
8.	63.2	18.	54.1	28.	43.9	38.	32.5	48.	19.7
.2	63.0	.2	53.9	.2	43.7	.2	32.3	.2	19.4
.4	62.9	.4	53.7	.4	43.5	.4	32.0	.4	19.2
.6	62.7	.6	53.5	.6	43.2	.6	31.8	.6	18.9
.8	62.6	.8	53.3	.8	43.0	.8	31.5	.8	18.7
9.	62.4	19.	53.1	29.	42.8	39.	31.3	49.	18.4
.2	62.2	.2	52.9	.2	42.6	.2	31.1	.2	18.1
.4	62.0	.4	52.7	.4	42.4	.4	30.8	.4	17.8
.6	61.9	.6	52.5	.6	42.1	.6	30.6	.6	17.6
.8	61.7	.8	52.3	.8	41.9	.8	30.3	.8	17.3
10.	61.5	20.	52.1	30.	41.7	40.	30.1	50.	17.0

TEMPERATURE 47°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	17.0	60.	2.0	70.	14.1	80.	35.4	90.	70.1
.2	16.7	.2	2.3	.2	14.5	.2	35.9	.2	70.8
.4	16.4	.4	2.0	.4	14.8	.4	36.4	.4	71.6
.6	16.2	.6	1.7	.6	15.2	.6	37.0	.6	72.8
.8	15.9	.8	1.4	.8	15.5	.8	37.5	.8	73.1
51.	15.6	61.	1.1	71.	15.9	81.	38.0	91.	73.8
.2	15.3	.2	.8	.2	16.2	.2	38.5	.2	74.5
.4	15.1	.4	.5	.4	16.7	.4	39.1	.4	75.2
.6	14.8	.6	.1	.6	17.0	.6	39.6	.6	75.9
.8	14.6	.8	.2	.8	17.4	.8	40.2	.8	76.6
52.	14.3	62.	.5	72.	17.8	82.	40.7	92.	77.3
.2	14.0	.2	.8	.2	18.2	.2	41.3	.2	78.0
.4	13.7	.4	1.1	.4	18.6	.4	41.9	.4	78.6
.6	13.4	.6	1.5	.6	19.0	.6	42.4	.6	79.3
.8	13.1	.8	1.8	.8	19.4	.8	43.0	.8	79.9
53.	12.8	63.	2.1	73.	19.8	83.	43.6	93.	80.6
.2	12.5	.2	2.4	.2	20.2	.2	44.1	.2	81.2
.4	12.2	.4	2.7	.4	20.6	.4	44.6	.4	81.9
.6	12.0	.6	3.1	.6	21.0	.6	45.1	.6	82.5
.8	11.7	.8	3.4	.8	21.4	.8	45.6	.8	83.2
54.	11.4	64.	3.7	74.	21.8	84.	46.1	94.	83.8
.2	11.1	.2	4.0	.2	22.2	.2	46.6	.2	84.4
.4	10.8	.4	4.4	.4	22.6	.4	47.1	.4	85.0
.6	10.6	.6	4.7	.6	23.0	.6	47.6	.6	85.7
.8	10.3	.8	5.1	.8	23.4	.8	48.1	.8	86.3
55.	10.0	65.	5.4	75.	23.8	85.	48.6	95.	86.9
.2	9.7	.2	5.7	.2	24.2	.2	49.1	.2	87.5
.4	9.4	.4	6.1	.4	24.6	.4	49.6	.4	88.0
.6	9.1	.6	6.4	.6	25.0	.6	50.1	.6	88.6
.8	8.8	.8	6.8	.8	25.4	.8	50.6	.8	89.1
56.	8.5	66.	7.1	76.	25.8	86.	51.1	96.	89.7
.2	8.2	.2	7.4	.2	26.2	.2	51.6	.2	90.3
.4	7.9	.4	7.8	.4	26.6	.4	52.1	.4	90.8
.6	7.6	.6	8.1	.6	27.0	.6	52.6	.6	91.4
.8	7.3	.8	8.5	.8	27.4	.8	53.1	.8	91.9
57.	7.0	67.	8.8	77.	27.8	87.	53.6	97.	92.5
.2	6.7	.2	9.1	.2	28.2	.2	54.1	.2	93.0
.4	6.4	.4	9.5	.4	28.6	.4	54.6	.4	93.5
.6	6.1	.6	9.8	.6	29.0	.6	55.1	.6	94.1
.8	5.8	.8	10.2	.8	29.4	.8	55.6	.8	94.6
58.	5.5	68.	10.5	78.	29.8	88.	56.1	98.	95.1
.2	5.2	.2	10.9	.2	30.2	.2	56.6	.2	95.6
.4	4.9	.4	11.2	.4	30.6	.4	57.1	.4	96.1
.6	4.7	.6	11.6	.6	31.0	.6	57.6	.6	96.6
.8	4.4	.8	11.9	.8	31.4	.8	58.1	.8	97.0
59.	4.1	69.	12.3	79.	31.8	89.	58.6	99.	97.5
.2	3.8	.2	12.7	.2	32.2	.2	59.1	.2	98.0
.4	3.5	.4	13.0	.4	32.6	.4	59.6	.4	98.5
.6	3.2	.6	13.4	.6	33.0	.6	60.1	.6	99.0
.8	2.9	.8	13.7	.8	33.4	.8	60.6	.8	99.4
60.	2.6	70.	14.1	80.	33.8	90.	61.1	100.	99.9
					34.2		61.6		
					34.6		62.1		
					35.0		62.6		
					35.4		63.1		

TEMPERATURE 46°.

Wt. & Divs. on Stem.	Per Cent. over Proof.	Wt. & Divs. on Stem.	Per Cent. over Proof.	Wt. & Divs. on Stem.	Per Cent. over Proof.	Wt. & Divs. on Stem.	Per Cent. over Proof.	Wt. & Divs. on Stem.	Per Cent. over Proof.
0.	69.8	10.	61.2	20.	51.9	30.	41.4	40.	29.7
.2	69.6	.2	61.0	.2	51.7	.2	41.2	.2	29.5
.4	69.4	.4	60.8	.4	51.5	.4	41.0	.4	29.2
.6	69.3	.6	60.7	.6	51.3	.6	40.7	.6	29.0
.8	69.1	.8	60.5	.8	51.1	.8	40.5	.8	28.7
1.	68.9	11.	60.3	21.	50.9	31.	40.3	41.	28.5
.2	68.7	.2	60.1	.2	50.7	.2	40.1	.2	28.3
.4	68.6	.4	59.9	.4	50.5	.4	39.9	.4	28.0
.6	68.4	.6	59.8	.6	50.3	.6	39.6	.6	27.8
.8	68.3	.8	59.6	.8	50.1	.8	39.4	.8	27.5
2.	68.1	12.	59.4	22.	49.9	32.	39.2	42.	27.3
.2	67.9	.2	59.2	.2	49.7	.2	39.0	.2	27.0
.4	67.8	.4	59.0	.4	49.5	.4	38.8	.4	26.8
.6	67.6	.6	58.9	.6	49.3	.6	38.5	.6	26.5
.8	67.5	.8	58.7	.8	49.1	.8	38.3	.8	26.3
3.	67.3	13.	58.5	23.	48.9	33.	38.1	43.	26.0
.2	67.1	.2	58.3	.2	48.7	.2	37.9	.2	25.7
.4	66.9	.4	58.1	.4	48.5	.4	37.6	.4	25.5
.6	66.8	.6	58.0	.6	48.2	.6	37.4	.6	25.2
.8	66.6	.8	57.8	.8	48.0	.8	37.1	.8	25.0
4.	66.4	14.	57.6	24.	47.8	34.	36.9	44.	24.7
.2	66.2	.2	57.4	.2	47.6	.2	36.7	.2	24.4
.4	66.1	.4	57.2	.4	47.4	.4	36.5	.4	24.2
.6	65.9	.6	57.1	.6	47.2	.6	36.2	.6	23.9
.8	65.8	.8	56.9	.8	47.0	.8	36.0	.8	23.7
5.	65.6	15.	56.7	25.	46.8	35.	35.8	45.	23.4
.2	65.4	.2	56.5	.2	46.6	.2	35.6	.2	23.1
.4	65.2	.4	56.3	.4	46.4	.4	35.3	.4	22.9
.6	65.1	.6	56.1	.6	46.1	.6	35.1	.6	22.6
.8	64.9	.8	55.9	.8	45.9	.8	34.8	.8	22.4
6.	64.7	16.	55.7	26.	45.7	36.	34.6	46.	22.1
.2	64.5	.2	55.5	.2	45.5	.2	34.4	.2	21.8
.4	64.3	.4	55.3	.4	45.3	.4	34.1	.4	21.6
.6	64.2	.6	55.2	.6	45.1	.6	33.9	.6	21.3
.8	64.0	.8	55.0	.8	44.9	.8	33.6	.8	21.1
7.	63.8	17.	54.8	27.	44.7	37.	33.4	47.	20.8
.2	63.6	.2	54.6	.2	44.5	.2	33.2	.2	20.5
.4	63.5	.4	54.4	.4	44.3	.4	32.9	.4	20.2
.6	63.3	.6	54.2	.6	44.1	.6	32.7	.6	20.0
.8	63.2	.8	54.0	.8	43.9	.8	32.4	.8	19.7
8.	63.0	18.	53.8	28.	43.7	38.	32.2	48.	19.4
.2	62.8	.2	53.6	.2	43.5	.2	32.0	.2	19.1
.4	62.6	.4	53.4	.4	43.2	.4	31.7	.4	18.9
.6	62.5	.6	53.2	.6	43.0	.6	31.5	.6	18.6
.8	62.3	.8	53.0	.8	42.7	.8	31.2	.8	18.4
9.	62.1	19.	52.8	29.	42.5	39.	31.0	49.	18.1
.2	61.9	.2	52.6	.2	42.3	.2	30.7	.2	17.8
.4	61.7	.4	52.4	.4	42.1	.4	30.5	.4	17.5
.6	61.6	.6	52.3	.6	41.8	.6	30.2	.6	17.3
.8	61.4	.8	52.1	.8	41.6	.8	30.0	.8	17.0
10.	61.2	20.	51.9	30.	41.4	40.	29.7	50.	16.7

TEMPERATURE 48°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
60.	16.7	60.	2.2	70.	14.4	80.	35.8	90.	70.8
.2	16.4	.2	1.9	.2	14.8	.2	36.8	.2	71.0
.4	16.1	.4	1.6	.4	15.2	.4	36.8	.4	71.8
.6	15.9	.6	1.2	.6	15.5	.6	37.4	.6	72.5
.8	15.6	.8	1.0	.8	15.9	.8	37.9	.8	73.3
51.	15.3	61.	.7	71.	16.3	81.	38.4	91.	74.0
.2	15.0	.2	.4	.2	16.7	.2	38.9	.2	74.7
.4	14.7	.4	.1	.4	17.1	.4	39.5	.4	75.4
.6	14.5	.6	.3	.6	17.4	.6	40.0	.6	76.0
.8	14.2	.8	.6	.8	17.8	.8	40.6	.8	76.7
59.	13.9	62.	.9	72.	18.2	82.	41.1	92.	77.4
.2	13.6	.2	1.2	.2	18.6	.2	41.7	.2	78.1
.4	13.3	.4	1.5	.4	19.0	.4	42.3	.4	78.8
.6	13.1	.6	1.8	.6	19.4	.6	42.8	.6	79.4
.8	12.8	.8	2.1	.8	19.8	.8	43.4	.8	80.1
53.	12.5	63.	2.4	73.	20.2	83.	44.0	93.	80.8
.2	12.2	.2	2.7	.2	20.6	.2	44.7	.2	81.4
.4	11.9	.4	3.0	.4	21.0	.4	45.3	.4	82.0
.6	11.7	.6	3.4	.6	21.3	.6	46.0	.6	82.7
.8	11.4	.8	3.7	.8	21.7	.8	46.6	.8	83.3
54.	11.1	64.	4.0	74.	22.1	84.	47.3	94.	83.9
.2	10.8	.2	4.3	.2	22.5	.2	48.0	.2	84.5
.4	10.5	.4	4.7	.4	22.9	.4	48.7	.4	85.1
.6	10.2	.6	5.0	.6	23.3	.6	49.5	.6	85.7
.8	9.9	.8	5.4	.8	23.7	.8	50.2	.8	86.3
55.	9.6	65.	5.7	75.	24.1	85.	50.9	95.	86.9
.2	9.3	.2	6.0	.2	24.5	.2	51.7	.2	87.5
.4	9.0	.4	6.4	.4	25.0	.4	52.4	.4	88.1
.6	8.8	.6	6.7	.6	25.4	.6	53.2	.6	88.6
.8	8.5	.8	7.1	.8	25.9	.8	53.9	.8	89.2
56.	8.2	66.	7.4	76.	26.3	86.	54.7	96.	89.8
.2	7.9	.2	7.7	.2	26.7	.2	55.5	.2	90.3
.4	7.6	.4	8.1	.4	27.2	.4	56.3	.4	90.9
.6	7.3	.6	8.4	.6	27.6	.6	57.0	.6	91.4
.8	7.0	.8	8.8	.8	28.1	.8	57.8	.8	92.0
57.	6.7	67.	9.1	77.	28.5	87.	58.6	97.	92.5
.2	6.4	.2	9.4	.2	29.0	.2	59.4	.2	93.0
.4	6.1	.4	9.8	.4	29.4	.4	60.2	.4	93.5
.6	5.8	.6	10.1	.6	29.9	.6	61.0	.6	94.1
.8	5.5	.8	10.5	.8	30.3	.8	61.8	.8	94.6
58.	5.2	68.	10.8	78.	30.8	88.	62.6	98.	95.1
.2	4.9	.2	11.2	.2	31.3	.2	63.4	.2	95.6
.4	4.6	.4	11.5	.4	31.8	.4	64.2	.4	96.1
.6	4.3	.6	11.9	.6	32.2	.6	64.9	.6	96.6
.8	4.0	.8	12.2	.8	32.7	.8	65.7	.8	97.1
59.	3.7	69.	12.6	79.	33.2	89.	66.5	99.	97.6
.2	3.4	.2	13.0	.2	33.7	.2	67.3	.2	98.1
.4	3.1	.4	13.3	.4	34.2	.4	68.0	.4	98.5
.6	2.8	.6	13.7	.6	34.6	.6	68.8	.6	99.0
.8	2.5	.8	14.0	.8	35.3	.8	69.5	.8	99.4
60.	2.2	70.	14.4	80.	35.8	90.	70.8	100.	99.9

TEMPERATURE 49°.

Wt. & Divs. on Stem.	Per Cent. over Proof.	Wt. & Divs. on Stem.	Per Cent. over Proof.	Wt. & Divs. on Stem.	Per Cent. over Proof.	Wt. & Divs. on Stem.	Per Cent. over Proof.	Wt. & Divs. on Stem.	Per Cent. over Proof.
0.	69.5	10.	60.9	20.	51.6	30.	41.1	40.	29.4
.2	69.3	.2	60.7	.2	51.4	.2	40.9	.2	29.2
.4	69.2	.4	60.5	.4	51.2	.4	40.7	.4	28.9
.6	69.0	.6	60.4	.6	51.0	.6	40.4	.6	28.7
.8	68.9	.8	60.2	.8	50.8	.8	40.2	.8	28.4
1.	68.7	11.	60.0	21.	50.6	31.	40.0	41.	28.2
.2	68.5	.2	59.8	.2	50.4	.2	39.8	.2	28.0
.4	68.4	.4	59.6	.4	50.2	.4	39.6	.4	27.7
.6	68.2	.6	59.5	.6	50.0	.6	39.3	.6	27.5
.8	68.1	.8	59.3	.8	49.8	.8	39.1	.8	27.2
2.	67.9	12.	59.1	22.	49.6	32.	38.9	42.	27.0
.2	67.7	.2	58.9	.2	49.4	.2	38.7	.2	26.7
.4	67.6	.4	58.7	.4	49.2	.4	38.5	.4	26.5
.6	67.4	.6	58.6	.6	49.0	.6	38.2	.6	26.2
.8	67.3	.8	58.4	.8	48.8	.8	38.0	.8	26.0
3.	67.1	13.	58.2	23.	48.6	33.	37.8	43.	25.7
.2	66.9	.2	58.0	.2	48.4	.2	37.6	.2	25.4
.4	66.7	.4	57.8	.4	48.2	.4	37.3	.4	25.2
.6	66.6	.6	57.7	.6	47.9	.6	37.1	.6	24.9
.8	66.4	.8	57.5	.8	47.7	.8	36.8	.8	24.7
4.	66.2	14.	57.3	24.	47.5	34.	36.6	44.	24.4
.2	66.0	.2	57.1	.2	47.3	.2	36.4	.2	24.1
.4	65.9	.4	56.9	.4	47.1	.4	36.2	.4	23.9
.6	65.7	.6	56.8	.6	46.9	.6	36.0	.6	23.6
.8	65.6	.8	56.6	.8	46.7	.8	35.7	.8	23.4
5.	65.4	15.	56.4	25.	46.5	35.	35.5	45.	23.1
.2	65.2	.2	56.2	.2	46.3	.2	35.3	.2	22.8
.4	65.0	.4	56.0	.4	46.1	.4	35.0	.4	22.6
.6	64.9	.6	55.9	.6	45.9	.6	34.8	.6	22.3
.8	64.7	.8	55.7	.8	45.7	.8	34.5	.8	22.1
6.	64.5	16.	55.5	26.	45.5	36.	34.3	46.	21.8
.2	64.3	.2	55.3	.2	45.3	.2	34.1	.2	21.5
.4	64.1	.4	55.1	.4	45.1	.4	33.8	.4	21.2
.6	64.0	.6	55.0	.6	44.9	.6	33.6	.6	21.0
.8	63.8	.8	54.9	.8	44.7	.8	33.3	.8	20.7
7.	63.6	17.	54.6	27.	44.5	37.	33.1	47.	20.4
.2	63.4	.2	54.4	.2	44.3	.2	32.9	.2	20.1
.4	63.2	.4	54.2	.4	44.1	.4	32.6	.4	19.9
.6	63.1	.6	54.0	.6	43.8	.6	32.4	.6	19.6
.8	62.9	.8	53.9	.8	43.6	.8	32.1	.8	19.4
8.	62.7	18.	53.6	28.	43.4	38.	31.9	48.	19.1
.2	62.5	.2	53.4	.2	43.2	.2	31.7	.2	18.8
.4	62.3	.4	53.2	.4	42.9	.4	31.4	.4	18.6
.6	62.2	.6	53.0	.6	42.7	.6	31.2	.6	18.3
.8	62.0	.8	52.8	.8	42.4	.8	30.9	.8	18.1
9.	61.8	19.	52.6	29.	42.2	39.	30.7	49.	17.8
.2	61.6	.2	52.4	.2	42.0	.2	30.4	.2	17.5
.4	61.4	.4	52.2	.4	41.8	.4	30.2	.4	17.2
.6	61.3	.6	52.0	.6	41.5	.6	29.9	.6	17.0
.8	61.1	.8	51.8	.8	41.3	.8	29.7	.8	16.7
10.	60.9	20.	51.6	30.	41.1	40.	29.4	50.	16.4

TEMPERATURE 49°.

Wts. & Drvs. on Stem.	Per Cent. over Proof.	Wts. & Drvs. on Stem.	Per Cent. over Proof.	Wts. & Drvs. on Stem.	Per Cent. under Proof.	Wts. & Drvs. on Stem.	Per Cent. under Proof.	Wts. & Drvs. on Stem.	Per Cent. under Proof.
60.	16.4	60.	1.9	70.	14.8	80.	30.2	90.	70.5
.2	16.1	.2	1.6	.2	15.2	.2	36.7	.2	71.2
.4	15.8	.4	1.3	.4	15.6	.4	37.2	.4	71.9
.6	15.6	.6	1.0	.6	15.9	.6	37.7	.6	72.7
.8	15.3	.8	.7	.8	16.3	.8	38.2	.8	73.4
61.	15.0	61.	.4	71.	16.7	81.	38.7	91.	74.1
.2	14.7	.2	1	.2	17.1	.2	39.3	.2	74.8
.4	14.4	.4	.2	.4	17.5	.4	39.8	.4	75.5
.6	14.2	.6	.6	.6	17.8	.6	40.4	.6	76.2
.8	13.9	.8	.9	.8	18.2	.8	40.9	.8	76.9
62.	13.6	62.	1.2	72.	18.6	82.	41.5	92.	77.6
.2	13.3	.2	1.5	.2	19.0	.2	42.1	.2	78.3
.4	13.0	.4	1.8	.4	19.4	.4	42.7	.4	78.9
.6	12.8	.6	2.2	.6	19.7	.6	43.3	.6	79.6
.8	12.5	.8	2.5	.8	20.1	.8	43.9	.8	80.2
63.	12.2	63.	2.8	73.	20.5	83.	44.5	93.	80.9
.2	11.9	.2	3.1	.2	20.9	.2	45.1	.2	81.5
.4	11.6	.4	3.4	.4	21.3	.4	45.8	.4	82.1
.6	11.4	.6	3.8	.6	21.6	.6	46.4	.6	82.8
.8	11.1	.8	4.1	.8	22.0	.8	47.1	.8	83.4
64.	10.8	64.	4.4	74.	22.4	84.	47.7	94.	84.0
.2	10.5	.2	4.7	.2	22.8	.2	48.4	.2	84.6
.4	10.2	.4	5.1	.4	23.2	.4	49.1	.4	85.2
.6	9.9	.6	5.4	.6	23.7	.6	49.9	.6	85.8
.8	9.6	.8	5.8	.8	24.1	.8	50.6	.8	86.4
65.	9.3	65.	6.1	75.	24.5	85.	51.3	95.	87.0
.2	9.0	.2	6.4	.2	24.9	.2	52.0	.2	87.6
.4	8.7	.4	6.8	.4	25.4	.4	52.8	.4	88.1
.6	8.5	.6	7.1	.6	25.8	.6	53.5	.6	88.7
.8	8.2	.8	7.5	.8	26.3	.8	54.3	.8	89.2
66.	7.9	66.	7.8	76.	26.7	86.	55.0	96.	89.8
.2	7.6	.2	8.1	.2	27.1	.2	55.8	.2	90.4
.4	7.3	.4	8.5	.4	27.6	.4	56.6	.4	90.9
.6	7.0	.6	8.8	.6	28.0	.6	57.4	.6	91.5
.8	6.7	.8	9.2	.8	28.5	.8	58.2	.8	92.0
67.	6.4	67.	9.5	77.	28.9	87.	59.0	97.	92.6
.2	6.1	.2	9.8	.2	29.4	.2	59.8	.2	93.1
.4	5.8	.4	10.2	.4	29.8	.4	60.6	.4	93.6
.6	5.5	.6	10.5	.6	30.3	.6	61.3	.6	94.1
.8	5.2	.8	10.9	.8	30.7	.8	62.1	.8	94.7
68.	4.9	68.	11.2	78.	31.2	88.	62.9	98.	95.2
.2	4.6	.2	11.6	.2	31.7	.2	63.7	.2	95.7
.4	4.3	.4	11.9	.4	32.2	.4	64.4	.4	96.2
.6	4.0	.6	12.3	.6	32.6	.6	65.2	.6	96.8
.8	3.7	.8	12.6	.8	33.1	.8	65.9	.8	97.1
69.	3.4	69.	13.0	79.	33.6	89.	66.7	99.	97.6
.2	3.1	.2	13.4	.2	34.1	.2	67.5	.2	98.1
.4	2.8	.4	13.7	.4	34.6	.4	68.2	.4	98.6
.6	2.5	.6	14.1	.6	35.2	.6	69.0	.6	99.0
.8	2.2	.8	14.4	.8	35.7	.8	69.7	.8	99.5
70.	1.9	70.	14.8	80.	36.2	90.	70.5	100.	100.0

TEMPERATURE 50°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	60.3	10.	60.7	20.	51.4	30.	40.9	40.	29.1
.2	60.1	.2	60.5	.2	51.2	.2	40.7	.2	28.9
.4	60.0	.4	60.3	.4	51.0	.4	40.5	.4	28.6
.6	68.8	.6	60.2	.6	50.8	.6	40.2	.6	28.4
.8	68.7	.8	60.0	.8	50.6	.8	40.0	.8	28.1
1.	68.5	11.	59.8	21.	50.4	31.	39.8	41.	27.9
.2	68.3	.2	59.6	.2	50.2	.2	39.6	.2	27.6
.4	68.2	.4	59.4	.4	50.0	.4	39.3	.4	27.4
.6	68.0	.6	59.3	.6	49.8	.6	39.1	.6	27.1
.8	67.9	.8	59.1	.8	49.6	.8	38.8	.8	26.9
2.	67.7	12.	58.9	22.	49.4	32.	38.6	42.	26.6
.2	67.5	.2	58.7	.2	49.2	.2	38.4	.2	26.4
.4	67.3	.4	58.5	.4	49.0	.4	38.2	.4	26.1
.6	67.2	.6	58.4	.6	48.8	.6	37.9	.6	25.9
.8	67.0	.8	58.2	.8	48.6	.6	37.7	.8	25.6
3.	66.8	13.	58.0	23.	48.4	33.	37.5	43.	25.4
.2	66.6	.2	57.8	.2	48.2	.2	37.3	.2	25.1
.4	66.5	.4	57.6	.4	48.0	.4	37.0	.4	24.9
.6	66.3	.6	57.5	.6	47.7	.6	36.8	.6	24.6
.8	66.2	.8	57.3	.8	47.5	.8	36.5	.8	24.4
4.	66.0	14.	57.1	24.	47.3	34.	36.3	44.	24.1
.2	65.8	.2	56.9	.2	47.1	.2	36.1	.2	23.8
.4	65.7	.4	56.7	.4	46.9	.4	35.9	.4	23.6
.6	65.5	.6	56.6	.6	46.7	.6	35.6	.6	23.3
.8	65.4	.8	56.4	.8	46.5	.8	35.4	.8	23.1
5.	65.2	15.	56.2	25.	46.3	35.	35.2	45.	22.8
.2	65.0	.2	56.0	.2	46.1	.2	35.0	.2	22.5
.4	64.8	.4	55.8	.4	45.9	.4	34.7	.4	22.2
.6	64.7	.6	55.7	.6	45.6	.6	34.5	.6	22.0
.8	64.5	.8	55.5	.8	45.4	.8	34.2	.8	21.7
6.	64.3	16.	55.3	26.	45.2	36.	34.0	46.	21.4
.2	64.1	.2	55.1	.2	45.0	.2	33.8	.2	21.1
.4	63.9	.4	54.9	.4	44.8	.4	33.5	.4	20.9
.6	63.8	.6	54.7	.6	44.6	.6	33.3	.6	20.6
.8	63.6	.8	54.5	.8	44.4	.8	33.0	.8	20.4
7.	63.4	17.	54.3	27.	44.2	37.	32.8	47.	20.1
.2	63.2	.2	54.1	.2	44.0	.2	32.6	.2	19.8
.4	63.0	.4	53.9	.4	43.8	.4	32.3	.4	19.6
.6	62.9	.6	53.7	.6	43.5	.6	32.1	.6	19.3
.8	62.7	.8	53.5	.8	43.3	.8	31.8	.8	19.1
8.	62.5	18.	53.3	28.	43.1	38.	31.6	48.	18.8
.2	62.3	.2	53.1	.2	42.9	.2	31.4	.2	18.5
.4	62.1	.4	52.9	.4	42.7	.4	31.1	.4	18.2
.6	62.0	.6	52.8	.6	42.4	.6	30.9	.6	18.0
.8	61.8	.8	52.6	.8	42.2	.8	30.6	.8	17.7
9.	61.6	19.	52.4	29.	42.0	39.	30.4	49.	17.4
.2	61.4	.2	52.2	.2	41.8	.2	30.1	.2	17.1
.4	61.2	.4	52.0	.4	41.6	.4	29.9	.4	16.9
.6	61.1	.6	51.8	.6	41.3	.6	29.6	.6	16.6
.8	60.9	.8	51.6	.8	41.1	.8	29.4	.8	16.4
10.	60.7	20.	51.4	30.	40.9	40.	29.1	50.	16.1

TEMPERATURE 50°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	16.1	60.	1.8	70.	15.1	80.	36.5	90.	70.7
.2	15.8	.2	1.2	.2	15.5	.2	37.0	.2	71.4
.4	15.5	.4	.9	.4	15.0	.4	37.5	.4	72.1
.6	15.3	.6	.6	.6	16.2	.6	38.1	.6	72.9
.8	15.0	.8	.3	.8	16.0	.8	38.6	.8	73.6
51.	14.7	61.		71.	17.0	81.	39.1	91.	74.3
.2	14.4	.2	.3	.2	17.4	.2	39.7	.2	75.0
.4	14.1	.4	.6	.4	17.8	.4	40.2	.4	75.7
.6	13.9	.6	.9	.6	18.1	.6	40.8	.6	76.3
.8	13.6	.8	1.2	.8	18.5	.8	41.3	.8	77.0
52.	13.3	62.	1.5	72.	18.0	82.	41.9	92.	77.7
.2	13.0	.2	1.8	.2	19.3	.2	42.5	.2	78.4
.4	12.7	.4	2.1	.4	19.7	.4	43.1	.4	79.0
.6	12.5	.6	2.5	.6	20.1	.6	43.7	.6	79.7
.8	12.2	.8	2.8	.8	20.5	.8	44.3	.8	80.3
53.	11.9	63.	3.1	73.	20.9	83.	44.9	93.	81.0
.2	11.6	.2	3.4	.2	21.3	.2	45.5	.2	81.6
.4	11.3	.4	3.7	.4	21.7	.4	46.2	.4	82.2
.6	11.1	.6	4.1	.6	22.0	.6	46.8	.6	82.9
.8	10.8	.8	4.4	.8	22.4	.8	47.5	.8	83.5
54.	10.5	64.	4.7	74.	22.8	84.	48.1	94.	84.1
.2	10.2	.2	5.0	.2	23.2	.2	48.8	.2	84.7
.4	9.9	.4	5.4	.4	23.6	.4	49.5	.4	85.3
.6	9.6	.6	5.7	.6	24.1	.6	50.3	.6	85.9
.8	9.3	.8	6.1	.8	24.5	.8	51.0	.8	86.5
55.	9.0	65.	6.4	75.	24.9	85.	51.7	95.	87.1
.2	8.7	.2	6.7	.2	25.3	.2	52.4	.2	87.7
.4	8.4	.4	7.1	.4	25.7	.4	53.2	.4	88.2
.6	8.1	.6	7.4	.6	26.2	.6	53.9	.6	88.8
.8	7.8	.8	7.8	.8	26.6	.8	54.7	.8	89.3
56.	7.5	66.	8.1	76.	27.0	86.	55.4	96.	89.9
.2	7.2	.2	8.4	.2	27.4	.2	56.2	.2	90.4
.4	6.9	.4	8.8	.4	27.9	.4	57.0	.4	91.0
.6	6.7	.6	9.1	.6	28.3	.6	57.7	.6	91.5
.8	6.4	.8	9.5	.8	28.8	.8	58.5	.8	92.1
57.	6.1	67.	9.8	77.	29.2	87.	59.3	97.	92.6
.2	5.8	.2	10.1	.2	29.7	.2	60.1	.2	93.1
.4	5.5	.4	10.5	.4	30.1	.4	60.9	.4	93.6
.6	5.2	.6	10.8	.6	30.6	.6	61.6	.6	94.2
.8	4.9	.8	11.2	.8	31.0	.8	62.4	.8	94.7
58.	4.6	68.	11.5	78.	31.5	88.	63.3	98.	95.2
.2	4.3	.2	11.9	.2	32.0	.2	64.0	.2	95.7
.4	4.0	.4	12.2	.4	32.5	.4	64.7	.4	96.2
.6	3.7	.6	12.6	.6	32.9	.6	65.5	.6	96.6
.8	3.4	.8	12.9	.8	33.4	.8	66.2	.8	97.1
59.	3.1	69.	13.3	79.	33.9	89.	67.0	99.	97.6
.2	2.8	.2	13.7	.2	34.4	.2	67.7	.2	98.1
.4	2.5	.4	14.0	.4	34.9	.4	68.5	.4	98.6
.6	2.1	.6	14.4	.6	35.5	.6	69.2	.6	99.0
.8	1.8	.8	14.7	.8	36.0	.8	70.0	.8	99.5
60.	1.5	70.	15.1	80.	36.5	90.	70.7	100.	100.0

TEMPERATURE 51°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	69.0	10.	60.5	20.	51.1	30.	40.6	40.	29.8
.2	68.8	.2	60.3	.2	50.9	.2	40.4	.2	29.6
.4	68.7	.4	60.1	.4	50.7	.4	40.2	.4	29.3
.6	68.5	.6	60.0	.6	50.5	.6	39.9	.6	28.1
.8	68.4	.8	59.8	.8	50.3	.8	39.7	.8	27.8
1.	68.2	11.	59.6	21.	50.1	31.	39.5	41.	27.6
.2	68.0	.2	59.4	.2	49.9	.2	39.3	.2	27.3
.4	67.9	.4	59.2	.4	49.7	.4	39.0	.4	27.1
.6	67.7	.6	59.1	.6	49.5	.6	38.8	.6	26.8
.8	67.6	.8	58.9	.8	49.3	.8	38.6	.8	26.6
2.	67.4	12.	58.7	22.	49.1	32.	38.3	42.	26.8
.2	67.2	.2	58.5	.2	48.9	.2	38.1	.2	26.1
.4	67.1	.4	58.3	.4	48.7	.4	37.9	.4	25.8
.6	66.9	.6	58.2	.6	48.5	.6	37.6	.6	25.6
.8	66.8	.8	58.0	.8	48.3	.8	37.4	.8	25.3
3.	66.6	13.	57.8	23.	48.1	33.	37.2	43.	25.1
.2	66.4	.2	57.6	.2	47.9	.2	37.0	.2	24.8
.4	66.2	.4	57.4	.4	47.7	.4	36.8	.4	24.6
.6	66.1	.6	57.3	.6	47.4	.6	36.5	.6	24.3
.8	65.9	.8	57.1	.8	47.2	.8	36.3	.8	24.1
4.	65.7	14.	56.9	24.	47.0	34.	36.1	44.	23.8
.2	65.6	.2	56.7	.2	46.8	.2	35.9	.2	23.6
.4	65.4	.4	56.5	.4	46.6	.4	35.6	.4	23.3
.6	65.2	.6	56.3	.6	46.4	.6	35.4	.6	23.0
.8	65.1	.8	56.1	.8	46.2	.8	35.1	.8	22.8
5.	64.9	15.	55.9	25.	46.0	35.	34.9	45.	22.5
.2	64.7	.2	55.7	.2	45.8	.2	34.7	.2	22.2
.4	64.5	.4	55.5	.4	45.6	.4	34.4	.4	21.9
.6	64.4	.6	55.4	.6	45.3	.6	34.2	.6	21.7
.8	64.2	.8	55.2	.8	45.1	.8	33.9	.8	21.4
6.	64.0	16.	55.0	26.	44.9	36.	33.7	46.	21.1
.2	63.8	.2	54.8	.2	44.7	.2	33.5	.2	20.8
.4	63.7	.4	54.6	.4	44.5	.4	33.2	.4	20.6
.6	63.5	.6	54.4	.6	44.3	.6	33.0	.6	20.3
.8	63.4	.8	54.2	.8	44.1	.8	32.7	.8	20.1
7.	63.2	17.	54.0	27.	43.9	37.	32.5	47.	19.8
.2	63.0	.2	53.8	.2	43.7	.2	32.3	.2	19.5
.4	62.8	.4	53.6	.4	43.5	.4	32.0	.4	19.3
.6	62.7	.6	53.5	.6	43.2	.6	31.8	.6	19.0
.8	62.5	.8	53.3	.8	43.0	.8	31.5	.8	18.8
8.	62.3	18.	53.1	28.	42.8	38.	31.3	48.	18.5
.2	62.1	.2	52.9	.2	42.6	.2	31.1	.2	18.2
.4	61.9	.4	52.7	.4	42.4	.4	30.8	.4	17.9
.6	61.8	.6	52.5	.6	42.1	.6	30.6	.6	17.7
.8	61.6	.8	52.3	.8	41.9	.8	30.3	.8	17.4
9.	61.4	19.	52.1	29.	41.7	39.	30.1	49.	17.1
.2	61.2	.2	51.9	.2	41.5	.2	29.8	.2	16.8
.4	61.0	.4	51.7	.4	41.3	.4	29.6	.4	16.5
.6	60.9	.6	51.5	.6	41.0	.6	29.3	.6	16.3
.8	60.7	.8	51.3	.8	40.8	.8	29.1	.8	16.0
10.	60.5	20.	51.1	30.	40.6	40.	28.8	50.	15.7

TEMPERATURE 51°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	15.7	60.	1.2	70.	15.5	80.	36.9	90.	70.9		
.2	15.4	.2	.9	.2	15.9	.2	37.4	.2	71.6		
.4	15.2	.4	.6	.4	16.3	.4	37.9	.4	72.3		
.6	14.9	.6	.3	.6	16.6	.6	38.5	.6	73.1		
.8	14.7	.8		.8	17.0	.8	39.0	.8	73.8		
51.	14.4	61.	.3	71.	17.4	81.	39.5	91.	74.5		
.2	14.1	.2	.6	.2	17.8	.2	40.1	.2	75.2		
.4	13.8	.4	.9	.4	18.2	.4	40.6	.4	75.8		
.6	13.6	.6	1.3	.6	18.5	.6	41.2	.6	76.5		
.8	13.3	.8	1.6	.8	18.9	.8	41.7	.8	77.1		
52.	13.0	62.	1.9	72.	19.3	82.	42.3	92.	77.8		
.2	12.7	.2	2.2	.2	19.7	.2	42.9	.2	78.5		
.4	12.4	.4	2.5	.4	20.1	.4	43.5	.4	79.1		
.6	12.1	.6	2.9	.6	20.5	.6	44.1	.6	79.8		
.8	11.8	.8	3.2	.8	20.9	.8	44.7	.8	80.4		
53.	11.5	63.	3.5	73.	21.3	83.	45.3	93.	81.1		
.2	11.2	.2	3.8	.2	21.7	.2	45.9	.2	81.7		
.4	10.9	.4	4.1	.4	22.1	.4	46.6	.4	82.3		
.6	10.7	.6	4.5	.6	22.4	.6	47.2	.6	83.0		
.8	10.4	.8	4.8	.8	22.8	.8	47.9	.8	83.6		
54.	10.1	64.	5.1	74.	23.2	84.	48.5	94.	84.2		
.2	9.8	.2	5.4	.2	23.6	.2	49.2	.2	84.8		
.4	9.5	.4	5.8	.4	24.0	.4	49.9	.4	85.4		
.6	9.3	.6	6.1	.6	24.5	.6	50.7	.6	86.0		
.8	9.0	.8	6.5	.8	24.9	.8	51.4	.8	86.6		
55.	8.7	65.	6.8	75.	25.3	85.	52.1	95.	87.2		
.2	8.4	.2	7.1	.2	25.7	.2	52.8	.2	87.8		
.4	8.1	.4	7.4	.4	26.1	.4	53.6	.4	88.3		
.6	7.8	.6	7.8	.6	26.6	.6	54.3	.6	88.9		
.8	7.5	.8	8.1	.8	27.0	.8	55.1	.8	89.4		
56.	7.2	66.	8.4	76.	27.4	86.	55.8	96.	90.0		
.2	6.9	.2	8.7	.2	27.8	.2	56.6	.2	90.5		
.4	6.6	.4	9.1	.4	28.3	.4	57.3	.4	91.1		
.6	6.3	.6	9.4	.6	28.7	.6	58.1	.6	91.6		
.8	6.0	.8	9.8	.8	29.2	.8	58.8	.8	92.2		
57.	5.7	67.	10.1	77.	29.6	87.	59.6	97.	92.7		
.2	5.4	.2	10.5	.2	30.1	.2	60.4	.2	93.2		
.4	5.1	.4	10.8	.4	30.5	.4	61.2	.4	93.7		
.6	4.9	.6	11.2	.6	31.0	.6	61.9	.6	94.2		
.8	4.6	.8	11.5	.8	31.4	.8	62.7	.8	94.7		
58.	4.3	68.	11.9	78.	31.9	88.	63.5	98.	95.2		
.2	4.0	.2	12.3	.2	32.4	.2	64.2	.2	95.7		
.4	3.7	.4	12.6	.4	32.9	.4	65.0	.4	96.2		
.6	3.4	.6	13.0	.6	33.3	.6	65.7	.6	96.7		
.8	3.1	.8	13.3	.8	33.8	.8	66.5	.8	97.2		
59.	2.8	69.	13.7	79.	34.3	89.	67.2	99.	97.7		
.2	2.5	.2	14.1	.2	34.8	.2	67.9	.2	98.2		
.4	2.2	.4	14.4	.4	35.3	.4	68.7	.4	98.6		
.6	1.8	.6	14.8	.6	35.9	.6	69.4	.6	99.1		
.8	1.5	.8	15.1	.8	36.4	.8	70.2	.8	99.5		
60.	1.2	70.	15.5	80.	36.9	90.	70.9	100.	100.0		

TEMPERATURE 52°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	68.8	10.	69.2	20.	69.9	30.	40.3	40.	28.5
.2	68.6	.2	69.0	.2	69.7	.2	40.1	.2	28.3
.4	68.5	.4	69.8	.4	69.5	.4	39.9	.4	28.0
.6	68.3	.6	69.7	.6	69.3	.6	39.6	.6	27.8
.8	68.2	.8	69.5	.8	69.1	.8	39.4	.8	27.5
1.	68.0	11.	69.3	21.	69.9	31.	39.2	41.	27.3
.2	67.8	.2	69.1	.2	69.7	.2	39.0	.2	27.0
.4	67.7	.4	68.9	.4	69.5	.4	38.8	.4	26.8
.6	67.5	.6	68.8	.6	69.3	.6	38.5	.6	26.5
.8	67.4	.8	68.6	.8	69.1	.8	38.3	.8	26.3
2.	67.2	12.	68.4	22.	68.9	32.	38.1	42.	26.0
.2	67.0	.2	68.2	.2	68.7	.2	37.9	.2	25.8
.4	66.9	.4	68.0	.4	68.5	.4	37.6	.4	25.5
.6	66.7	.6	67.9	.6	68.2	.6	37.4	.6	25.3
.8	66.6	.8	67.7	.8	68.0	.8	37.1	.8	25.0
3.	66.4	13.	67.5	23.	67.8	3.	36.9	43.	24.8
.2	66.2	.2	67.3	.2	67.6	.2	36.7	.2	24.5
.4	66.0	.4	67.1	.4	67.4	.4	36.5	.4	24.3
.6	65.9	.6	67.0	.6	67.1	.6	36.2	.6	24.0
.8	65.7	.8	66.8	.8	66.9	.8	36.0	.8	23.8
4.	65.5	14.	66.6	24.	66.7	34.	35.8	44.	23.5
.2	65.3	.2	66.4	.2	66.5	.2	35.6	.2	23.2
.4	65.1	.4	66.2	.4	66.3	.4	35.3	.4	23.0
.6	65.0	.6	66.1	.6	66.1	.6	35.1	.6	22.7
.8	64.8	.8	65.9	.8	65.9	.8	34.8	.8	22.5
5.	64.6	15.	65.7	25.	65.7	35.	34.6	45.	22.2
.2	64.4	.2	65.5	.2	65.5	.2	34.4	.2	21.9
.4	64.3	.4	65.3	.4	65.3	.4	34.2	.4	21.6
.6	64.1	.6	65.1	.6	65.0	.6	33.9	.6	21.4
.8	64.0	.8	64.9	.8	64.8	.8	33.7	.8	21.1
6.	63.8	16.	64.7	26.	64.6	36.	33.5	46.	20.8
.2	63.6	.2	64.5	.2	64.4	.2	33.2	.2	20.5
.4	63.4	.4	64.3	.4	64.2	.4	33.0	.4	20.3
.6	63.3	.6	64.1	.6	64.0	.6	32.7	.6	20.0
.8	63.1	.8	63.9	.8	63.8	.8	32.5	.8	19.8
7.	62.9	17.	63.7	27.	63.6	37.	32.2	47.	19.5
.2	62.7	.2	63.5	.2	63.4	.2	32.0	.2	19.2
.4	62.5	.4	63.3	.4	63.2	.4	31.7	.4	19.0
.6	62.4	.6	63.2	.6	62.9	.6	31.5	.6	18.7
.8	62.2	.8	63.0	.8	62.7	.8	31.2	.8	18.5
8.	62.0	18.	62.8	28.	62.5	38.	31.0	48.	18.2
.2	61.8	.2	62.6	.2	62.3	.2	30.8	.2	17.9
.4	61.6	.4	62.4	.4	62.1	.4	30.5	.4	17.6
.6	61.5	.6	62.3	.6	61.8	.6	30.3	.6	17.4
.8	61.3	.8	62.1	.8	61.6	.8	30.0	.8	17.1
9.	61.1	19.	61.9	29.	61.4	39.	29.8	49.	16.8
.2	60.9	.2	61.7	.2	61.2	.2	29.5	.2	16.5
.4	60.7	.4	61.5	.4	61.0	.4	29.3	.4	16.2
.6	60.6	.6	61.3	.6	60.7	.6	29.0	.6	16.0
.8	60.4	.8	61.1	.8	60.5	.8	28.8	.8	15.7
10.	60.2	20.	60.9	30.	60.3	40.	28.5	50.	15.4

TEMPERATURE 52°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	15.4	60.	.9	70.	18.9	80.	37.8	90.	71.1
.2	15.1	.2	.6	.2	16.3	.2	37.8	.2	71.8
.4	14.8	.4	.3	.4	16.7	.4	38.3	.4	72.5
.6	14.6	.6	.1	.6	17.0	.6	38.9	.6	73.2
.8	14.3	.8	.4	.8	17.4	.8	39.4	.8	73.9
51.	14.0	01.	.7	71.	17.8	81.	39.9	91.	74.6
.2	13.7	.2	1.0	.2	18.2	.2	40.5	.2	75.3
.4	13.5	.4	1.3	.4	18.6	.4	41.0	.4	76.0
.6	13.2	.6	1.6	.6	18.9	.6	41.6	.6	76.0
.8	13.0	.8	1.9	.8	19.3	.8	42.1	.8	77.3
52.	12.7	62.	2.2	72.	19.7	82.	42.7	92.	78.0
.2	12.4	.2	2.5	.2	20.1	.2	43.3	.2	78.6
.4	12.1	.4	2.8	.4	20.5	.4	43.9	.4	79.3
.6	11.8	.6	3.2	.6	20.9	.6	44.5	.6	79.9
.8	11.5	.8	3.5	.8	21.3	.8	45.1	.8	80.6
53.	11.2	63.	3.8	73.	21.7	83.	45.7	93.	81.2
.2	10.9	.2	4.1	.2	22.1	.2	46.3	.2	81.8
.4	10.6	.4	4.5	.4	22.5	.4	47.0	.4	82.4
.6	10.4	.6	4.8	.6	22.8	.6	47.6	.6	83.1
.8	10.1	.8	5.1	.8	23.2	.8	48.3	.8	83.7
54.	9.8	64.	5.5	74.	23.6	84.	48.9	94.	84.3
.2	9.5	.2	5.8	.2	24.0	.2	49.6	.2	84.9
.4	9.2	.4	6.2	.4	24.4	.4	50.3	.4	85.5
.6	9.0	.6	6.5	.6	24.9	.6	51.1	.6	86.0
.8	8.7	.8	6.9	.8	25.3	.8	51.8	.8	86.6
55.	8.4	65.	7.2	75.	25.7	85.	52.6	95.	87.2
.2	8.1	.2	7.5	.2	26.1	.2	53.2	.2	87.8
.4	7.8	.4	7.8	.4	26.5	.4	53.9	.4	88.3
.6	7.5	.6	8.2	.6	27.0	.6	54.7	.6	88.9
.8	7.2	.8	8.5	.8	27.4	.8	55.4	.8	89.4
56.	6.9	66.	8.8	76.	27.8	86.	56.1	96.	90.0
.2	6.6	.2	9.1	.2	28.2	.2	56.9	.2	90.5
.4	6.3	.4	9.5	.4	28.7	.4	57.6	.4	91.1
.6	6.0	.6	9.8	.6	29.1	.6	58.4	.6	91.6
.8	5.7	.8	10.2	.8	29.6	.8	59.1	.8	92.2
57.	5.4	67.	10.5	77.	30.0	87.	59.9	97.	92.7
.2	5.1	.2	10.9	.2	30.5	.2	60.7	.2	93.2
.4	4.8	.4	11.2	.4	30.9	.4	61.5	.4	93.7
.6	4.5	.6	11.6	.6	31.4	.6	62.2	.6	94.3
.8	4.2	.8	11.9	.8	31.8	.8	63.0	.8	94.8
58.	3.9	68.	12.3	78.	32.3	88.	63.8	98.	95.3
.2	3.6	.2	12.7	.2	32.8	.2	64.5	.2	95.8
.4	3.3	.4	13.0	.4	33.3	.4	65.3	.4	96.3
.6	3.0	.6	13.4	.6	33.7	.6	66.0	.6	96.7
.8	2.7	.8	13.7	.8	34.2	.8	66.8	.8	97.2
59.	2.4	69.	14.1	79.	34.7	89.	67.5	99.	97.7
.2	2.1	.2	14.5	.2	35.2	.2	68.2	.2	98.2
.4	1.8	.4	14.8	.4	35.7	.4	68.9	.4	98.7
.6	1.5	.6	15.2	.6	36.3	.6	69.7	.6	99.1
.8	1.2	.8	15.5	.8	36.8	.8	70.4	.8	99.6
60.	.9	70.	15.0	80.	37.3	90.	71.1	100.	—

TEMPERATURE 53°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	68.6	10.	60.0	20.	50.6	30.	40.0	40.	28.2
.2	68.4	.2	59.8	.2	50.4	.2	39.8	.2	28.0
.4	68.3	.4	59.6	.4	50.2	.4	39.6	.4	27.7
.6	68.1	.6	59.5	.6	50.0	.6	39.3	.6	27.5
.8	68.0	.8	59.3	.8	49.8	.8	39.1	.8	27.2
1.	67.8	11.	59.1	21.	49.6	31.	38.9	41.	27.0
.2	67.6	.2	58.9	.2	49.4	.2	38.7	.2	26.7
.4	67.5	.4	58.7	.4	49.2	.4	38.5	.4	26.5
.6	67.3	.6	58.6	.6	49.0	.6	38.2	.6	26.2
.8	67.2	.8	58.4	.8	48.8	.8	38.0	.8	26.0
2.	67.0	12.	58.2	22.	48.6	32.	37.8	42.	25.7
.2	66.8	.2	58.0	.2	48.4	.2	37.6	.2	25.5
.4	66.7	.4	57.8	.4	48.2	.4	37.3	.4	25.2
.6	66.5	.6	57.7	.6	47.9	.6	37.1	.6	25.0
.8	66.4	.8	57.5	.8	47.7	.8	36.8	.8	24.7
3.	66.2	13.	57.3	23.	47.5	3.	36.6	43.	24.5
.2	66.0	.2	57.1	.2	47.3	.2	36.4	.2	24.2
.4	65.8	.4	56.9	.4	47.1	.4	36.2	.4	24.0
.6	65.7	.6	56.8	.6	46.9	.6	35.9	.6	23.7
.8	65.5	.8	56.6	.8	46.7	.8	35.7	.8	23.5
4.	65.3	14.	56.4	24.	46.5	34.	35.5	44.	23.2
.2	65.1	.2	56.2	.2	46.3	.2	35.3	.2	22.9
.4	64.9	.4	56.0	.4	46.1	.4	35.0	.4	22.6
.6	64.8	.6	55.9	.6	45.9	.6	34.8	.6	22.4
.8	64.6	.8	55.7	.8	45.7	.8	34.5	.8	22.1
5.	64.4	15.	55.5	25.	45.5	35.	34.3	45.	21.8
.2	64.2	.2	55.3	.2	45.3	.2	34.1	.2	21.5
.4	64.1	.4	55.1	.4	45.1	.4	33.8	.4	21.3
.6	63.9	.6	54.9	.6	44.8	.6	33.6	.6	21.0
.8	63.8	.8	54.7	.8	44.6	.8	33.3	.8	20.8
6.	63.6	16.	54.5	26.	44.4	36.	33.1	46.	20.5
.2	63.4	.2	54.3	.2	44.2	.2	32.9	.2	20.2
.4	63.2	.4	54.1	.4	44.0	.4	32.6	.4	20.0
.6	63.1	.6	53.9	.6	43.7	.6	32.4	.6	19.7
.8	62.9	.8	53.7	.8	43.5	.8	32.1	.8	19.5
7.	62.7	17.	53.5	27.	43.3	37.	31.9	47.	19.2
.2	62.5	.2	53.3	.2	43.1	.2	31.7	.2	18.9
.4	62.3	.4	53.1	.4	42.9	.4	31.4	.4	18.7
.6	62.2	.6	53.0	.6	42.6	.6	31.2	.6	18.4
.8	62.0	.8	52.8	.8	42.4	.8	30.9	.8	18.2
8.	61.8	18.	52.6	28.	42.2	38.	30.7	48.	17.9
.2	61.6	.2	52.4	.2	42.0	.2	30.4	.2	17.6
.4	61.4	.4	52.2	.4	41.8	.4	30.2	.4	17.3
.6	61.3	.6	52.0	.6	41.5	.6	29.9	.6	17.1
.8	61.1	.8	51.8	.8	41.3	.8	29.7	.8	16.8
9.	60.9	19.	51.6	29.	41.1	39.	29.4	49.	16.5
.2	60.7	.2	51.4	.2	40.9	.2	29.2	.2	16.2
.4	60.5	.4	51.2	.4	40.7	.4	28.9	.4	15.9
.6	60.4	.6	51.0	.6	40.4	.6	28.7	.6	15.7
.8	60.2	.8	50.8	.8	40.2	.8	28.4	.8	15.4
10.	60.0	20.	50.6	30.	40.0	40.	28.2	50.	15.1

TEMPERATURE 53°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	15.1	60.	.0	70.	16.2	80.	37.7	90.	71.3
.2	14.8	.2	.9	.2	16.6	.2	38.2	.2	72.0
.4	14.5	.4		.4	17.0	.4	38.7	.4	72.7
.6	14.3	.6	.4	.6	17.3	.6	39.3	.6	73.4
.8	14.0	.8	.7	.8	17.7	.8	39.8	.8	74.1
51.	13.7	61.	1.0	71.	18.1	81.	40.3	91.	74.8
.2	13.4	.2	1.3	.2	18.5	.2	40.9	.2	75.5
.4	13.1	.4	1.6	.4	18.9	.4	41.4	.4	76.1
.6	12.9	.6	2.0	.6	19.2	.6	42.0	.6	76.8
.8	12.6	.8	2.3	.8	19.6	.8	42.5	.8	77.4
52.	12.3	62.	2.6	72.	20.0	82.	43.1	92.	78.1
.2	12.0	.2	2.9	.2	20.4	.2	43.7	.2	78.7
.4	11.7	.4	3.2	.4	20.8	.4	44.3	.4	79.4
.6	11.5	.6	3.5	.6	21.2	.6	44.9	.6	80.0
.8	11.2	.8	3.8	.8	21.6	.8	45.5	.8	80.7
53.	10.9	63.	4.1	73.	22.0	83.	46.1	93.	81.3
.2	10.6	.2	4.4	.2	22.4	.2	46.7	.2	81.9
.4	10.3	.4	4.8	.4	22.8	.4	47.4	.4	82.5
.6	10.1	.6	5.1	.6	23.2	.6	48.0	.6	83.2
.8	9.8	.8	5.5	.8	23.6	.8	48.7	.8	83.8
54.	9.5	64.	5.8	74.	24.0	84.	49.3	94.	84.4
.2	9.2	.2	6.1	.2	24.4	.2	50.0	.2	85.0
.4	8.9	.4	6.5	.4	24.8	.4	50.7	.4	85.6
.6	8.7	.6	6.8	.6	25.3	.6	51.5	.6	86.1
.8	8.4	.8	7.2	.8	25.7	.8	52.2	.8	86.7
55.	8.1	65.	7.5	75.	26.1	85.	52.9	95.	87.3
.2	7.8	.2	7.8	.2	26.5	.2	53.6	.2	87.9
.4	7.5	.4	8.2	.4	26.9	.4	54.3	.4	88.4
.6	7.2	.6	8.5	.6	27.4	.6	55.1	.6	89.0
.8	6.9	.8	8.9	.8	27.8	.8	55.8	.8	89.5
56.	6.6	66.	9.2	76.	28.2	86.	56.5	96.	90.1
.2	6.3	.2	9.5	.2	28.6	.2	57.2	.2	90.6
.4	6.0	.4	9.9	.4	29.1	.4	58.0	.4	91.2
.6	5.7	.6	10.2	.6	29.5	.6	58.7	.6	91.7
.8	5.4	.8	10.6	.8	30.0	.8	59.5	.8	92.3
57.	5.1	67.	10.9	77.	30.4	87.	60.2	97.	92.8
.2	4.8	.2	11.2	.2	30.9	.2	61.0	.2	93.3
.4	4.5	.4	11.6	.4	31.3	.4	61.7	.4	93.8
.6	4.2	.6	11.9	.6	31.8	.6	62.5	.6	94.4
.8	3.9	.8	12.3	.8	32.2	.8	63.2	.8	94.9
58.	3.6	68.	12.6	78.	32.7	88.	64.0	98.	95.4
.2	3.3	.2	13.0	.2	33.2	.2	64.7	.2	95.9
.4	3.0	.4	13.3	.4	33.7	.4	65.5	.4	96.4
.6	2.7	.6	13.7	.6	34.2	.6	66.2	.6	96.8
.8	2.4	.8	14.0	.8	34.7	.8	67.0	.8	97.3
59.	2.1	69.	14.4	79.	35.2	89.	67.7	99.	97.8
.2	1.8	.2	14.8	.2	35.7	.2	68.4	.2	98.3
.4	1.5	.4	15.1	.4	36.2	.4	69.1	.4	98.7
.6	1.2	.6	15.5	.6	36.7	.6	69.9	.6	99.2
.8	.9	.8	15.8	.8	37.2	.8	70.6	.8	99.6
60.	.6	70.	16.2	80.	37.7	90.	71.3	100.	—

TEMPERATURE 54

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	68.4	10.	59.8	20.	50.3	30.	39.8	40.	27.9
.2	68.2	.2	59.6	.2	50.1	.2	39.6	.2	27.7
.4	68.1	.4	59.4	.4	49.9	.4	39.3	.4	27.4
.6	67.9	.6	59.3	.6	49.7	.6	39.1	.6	27.2
.8	67.8	.8	59.1	.8	49.5	.8	38.8	.8	26.9
1.	67.6	11.	58.9	21.	49.3	31.	38.6	41.	26.7
.2	67.4	.2	58.7	.2	49.1	.2	38.4	.2	26.4
.4	67.2	.4	58.5	.4	48.9	.4	38.2	.4	26.2
.6	67.1	.6	58.4	.6	48.7	.6	37.9	.6	25.9
.8	66.9	.8	58.2	.8	48.5	.8	37.7	.8	25.7
2.	66.7	12.	58.0	22.	48.3	32.	37.5	42.	25.4
.2	66.5	.2	57.8	.2	48.1	.2	37.3	.2	25.2
.4	66.4	.4	57.6	.4	47.9	.4	37.0	.4	24.9
.6	66.2	.6	57.5	.6	47.7	.6	36.8	.6	24.7
.8	66.1	.8	57.3	.8	47.5	.8	36.5	.8	24.4
3.	65.9	13.	57.1	23.	47.3	33.	36.3	43.	24.2
.2	65.7	.2	56.9	.2	47.1	.2	36.1	.2	23.9
.4	65.6	.4	56.7	.4	46.9	.4	35.9	.4	23.7
.6	65.4	.6	56.5	.6	46.7	.6	35.6	.6	23.4
.8	65.3	.8	56.3	.8	46.6	.8	35.4	.8	23.2
4.	65.1	14.	56.1	24.	46.3	34.	35.2	44.	22.9
.2	64.9	.2	55.9	.2	46.1	.2	35.0	.2	22.6
.4	64.7	.4	55.7	.4	45.9	.4	34.7	.4	22.3
.6	64.6	.6	55.6	.6	45.6	.6	34.5	.6	22.1
.8	64.4	.8	55.4	.8	45.4	.8	34.2	.8	21.8
5.	64.2	15.	55.2	25.	45.2	35.	34.0	45.	21.5
.2	64.0	.2	55.0	.2	45.0	.2	33.8	.2	21.2
.4	63.8	.4	54.8	.4	44.8	.4	33.5	.4	21.0
.6	63.7	.6	54.6	.6	44.5	.6	33.3	.6	20.7
.8	63.5	.8	54.4	.8	44.3	.8	33.0	.8	20.5
6.	63.3	16.	54.2	26.	44.1	36.	32.8	46.	20.2
.2	63.1	.2	54.0	.2	43.9	.2	32.6	.2	19.9
.4	63.0	.4	53.8	.4	43.7	.4	32.3	.4	19.7
.6	62.8	.6	53.7	.6	43.4	.6	32.1	.6	19.4
.8	62.7	.8	53.5	.8	43.2	.8	31.8	.8	19.2
7.	62.5	17.	53.3	27.	43.0	37.	31.6	47.	18.9
.2	62.3	.2	53.1	.2	42.8	.2	31.4	.2	18.6
.4	62.1	.4	52.9	.4	42.6	.4	31.1	.4	18.3
.6	62.0	.6	52.7	.6	42.3	.6	30.9	.6	18.1
.8	61.8	.8	52.5	.8	42.1	.8	30.6	.8	17.8
8.	61.6	18.	52.3	28.	41.9	38.	30.4	48.	17.5
.2	61.4	.2	52.1	.2	41.7	.2	30.1	.2	17.2
.4	61.2	.4	51.9	.4	41.5	.4	29.9	.4	17.0
.6	61.1	.6	51.7	.6	41.3	.6	29.6	.6	16.7
.8	60.9	.8	51.5	.8	41.1	.8	29.4	.8	16.5
9.	60.7	19.	51.3	29.	40.9	39.	29.1	49.	16.2
.2	60.5	.2	51.1	.2	40.7	.2	28.9	.2	15.9
.4	60.3	.4	50.9	.4	40.5	.4	28.6	.4	15.6
.6	60.2	.6	50.7	.6	40.2	.6	28.4	.6	15.4
.8	60.0	.8	50.5	.8	40.0	.8	28.1	.8	15.1
10.	59.8	20.	50.3	30.	39.8	40.	27.9	50.	14.8

TEMPERATURE 54°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	14.8	60.	.2	70.	16.6	80.	38.1	90.	71.5		
.2	14.5	.2	.1	.2	17.0	.2	38.6	.2	72.2		
.4	14.2	.4	.4	.4	17.4	.4	39.1	.4	72.9		
.6	13.9	.6	.8	.6	17.7	.6	39.7	.6	73.6		
.8	13.6	.8	1.1	.8	18.1	.8	40.2	.8	74.3		
51.	13.3	61.	1.4	71.	18.5	81.	40.7	91.	75.0		
.2	13.0	.2	1.7	.2	18.9	.2	41.3	.2	75.7		
.4	12.8	.4	2.0	.4	19.3	.4	41.8	.4	76.3		
.6	12.5	.6	2.3	.6	19.6	.6	42.4	.6	77.0		
.8	12.3	.8	2.6	.8	20.0	.8	42.9	.8	77.6		
52.	12.0	62.	2.9	72.	20.4	82.	43.5	92.	78.3		
.2	11.7	.2	3.2	.2	20.8	.2	44.1	.2	78.9		
.4	11.4	.4	3.5	.4	21.2	.4	44.7	.4	79.6		
.6	11.2	.6	3.9	.6	21.5	.6	45.3	.6	80.2		
.8	10.9	.8	4.2	.8	21.9	.8	45.9	.8	80.9		
53.	10.6	63.	4.5	73.	22.3	83.	46.5	93.	81.5		
.2	10.3	.2	4.8	.2	22.7	.2	47.1	.2	82.1		
.4	10.0	.4	5.2	.4	23.1	.4	47.8	.4	82.7		
.6	9.7	.6	5.5	.6	23.5	.6	48.4	.6	83.3		
.8	9.4	.8	5.9	.8	23.9	.8	49.1	.8	83.9		
54.	9.1	64.	6.2	74.	24.3	84.	49.7	94.	84.5		
.2	8.8	.2	6.5	.2	24.7	.2	50.4	.2	85.1		
.4	8.5	.4	6.8	.4	25.1	.4	51.1	.4	85.7		
.6	8.3	.6	7.2	.6	25.6	.6	51.8	.6	86.2		
.8	8.0	.8	7.5	.8	26.0	.8	52.5	.8	86.8		
55.	7.7	65.	7.8	75.	26.4	85.	53.2	95.	87.4		
.2	7.4	.2	8.1	.2	26.8	.2	53.9	.2	88.0		
.4	7.1	.4	8.5	.4	27.3	.4	54.7	.4	88.5		
.6	6.8	.6	8.8	.6	27.7	.6	55.4	.6	89.1		
.8	6.5	.8	9.2	.8	28.2	.8	56.2	.8	89.6		
56.	6.2	66.	9.5	76.	28.6	86.	56.9	96.	90.2		
.2	5.9	.2	9.8	.2	29.0	.2	57.6	.2	90.7		
.4	5.6	.4	10.2	.4	29.5	.4	58.4	.4	91.3		
.6	5.4	.6	10.5	.6	29.9	.6	59.1	.6	91.8		
.8	5.1	.8	10.9	.8	30.4	.8	59.9	.8	92.4		
57.	4.8	67.	11.2	77.	30.8	87.	60.6	97.	92.9		
.2	4.5	.2	11.6	.2	31.3	.2	61.3	.2	93.4		
.4	4.2	.4	11.9	.4	31.7	.4	62.1	.4	93.9		
.6	3.9	.6	12.3	.6	32.2	.6	62.8	.6	94.4		
.8	3.6	.8	12.6	.8	32.6	.8	63.6	.8	94.9		
58.	3.3	68.	13.0	78.	33.1	88.	64.3	98.	95.4		
.2	3.0	.2	13.4	.2	33.6	.2	65.0	.2	95.9		
.4	2.7	.4	13.7	.4	34.1	.4	65.7	.4	96.4		
.6	2.3	.6	14.1	.6	34.6	.6	66.5	.6	96.8		
.8	2.0	.8	14.4	.8	35.1	.8	67.2	.8	97.3		
59.	1.7	69.	14.8	79.	35.6	89.	67.9	99.	97.8		
.2	1.4	.2	15.2	.2	36.1	.2	68.6	.2	98.3		
.4	1.1	.4	15.5	.4	36.6	.4	69.3	.4	98.8		
.6	.8	.6	15.9	.6	37.1	.6	70.1	.6	99.2		
.8	.5	.8	16.2	.8	37.6	.8	70.8	.8	99.7		
60.	.2	70.	16.6	80.	38.1	90.	71.5	100.	—		

TEMPERATURE 55°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	68.1	10.	59.5	20.	50.0	30.	39.5	40.	27.6
.2	67.9	.2	59.3	.2	49.8	.2	39.3	.2	27.3
.4	67.8	.4	59.1	.4	49.6	.4	39.6	.4	27.1
.6	67.6	.6	59.0	.6	49.4	.6	38.8	.6	26.8
.8	67.5	.8	58.8	.8	49.2	.8	38.5	.8	26.6
1.	67.3	11.	58.6	21.	49.0	31.	38.3	41.	26.3
.2	67.1	.2	58.4	.2	48.8	.2	38.1	.2	26.1
.4	67.0	.4	58.2	.4	48.6	.4	37.9	.4	25.8
.6	66.8	.6	58.1	.6	48.4	.6	37.6	.6	25.6
.8	66.7	.8	57.9	.8	48.2	.8	37.4	.8	25.3
2.	66.5	12.	57.7	22.	48.0	32.	37.2	42.	25.1
.2	66.3	.2	57.5	.2	47.8	.2	37.0	.2	24.8
.4	66.1	.4	57.3	.4	47.6	.4	36.8	.4	24.6
.6	66.0	.6	57.2	.6	47.4	.6	36.5	.6	24.3
.8	65.8	.8	57.0	.8	47.2	.8	36.3	.8	24.1
3.	65.6	13.	56.8	23.	47.0	33.	36.1	43.	23.8
.2	65.4	.2	56.6	.2	46.8	.2	35.9	.2	23.5
.4	65.3	.4	56.4	.4	46.6	.4	35.6	.4	23.3
.6	65.1	.6	56.3	.6	46.4	.6	35.4	.6	23.0
.8	65.0	.8	56.1	.8	46.2	.8	35.1	.8	22.8
4.	64.8	14.	55.9	24.	46.0	34.	34.9	44.	22.5
.2	64.6	.2	55.7	.2	45.8	.2	34.7	.2	22.2
.4	64.4	.4	55.5	.4	45.6	.4	34.4	.4	22.0
.6	64.3	.6	55.3	.6	45.3	.6	34.2	.6	21.7
.8	64.1	.8	55.1	.8	45.1	.8	33.9	.8	21.5
5.	63.9	15.	54.9	25.	44.9	35.	33.7	45.	21.2
.2	63.7	.2	54.7	.2	44.7	.2	33.5	.2	20.9
.4	63.6	.4	54.5	.4	44.5	.4	33.2	.4	20.7
.6	63.4	.6	54.4	.6	44.2	.6	33.0	.6	20.4
.8	63.3	.8	54.2	.8	44.0	.8	32.7	.8	20.2
6.	63.1	16.	54.0	26.	43.8	36.	32.5	46.	19.9
.2	62.9	.2	53.8	.2	43.6	.2	32.3	.2	19.6
.4	62.7	.4	53.6	.4	43.4	.4	32.0	.4	19.4
.6	62.6	.6	53.4	.6	43.2	.6	31.8	.6	19.1
.8	62.4	.8	53.2	.8	43.0	.8	31.5	.8	18.9
7.	62.2	17.	53.0	27.	42.8	37.	31.3	47.	18.6
.2	62.0	.2	52.8	.2	42.6	.2	31.1	.2	18.3
.4	61.8	.4	52.6	.4	42.4	.4	30.8	.4	18.0
.6	61.7	.6	52.4	.6	42.1	.6	30.6	.6	17.8
.8	61.5	.8	52.2	.8	41.9	.8	30.3	.8	17.5
8.	61.3	18.	52.0	28.	41.7	38.	30.1	48.	17.2
.2	61.1	.2	51.8	.2	41.5	.2	29.9	.2	16.9
.4	60.9	.4	51.6	.4	41.3	.4	29.6	.4	16.6
.6	60.8	.6	51.4	.6	41.0	.6	29.4	.6	16.4
.8	60.6	.8	51.2	.8	40.8	.8	29.1	.8	16.1
9.	60.4	19.	51.0	29.	40.6	39.	28.9	49.	15.8
.2	60.2	.2	50.8	.2	40.4	.2	28.6	.2	15.5
.4	60.0	.4	50.6	.4	40.2	.4	28.4	.4	15.3
.6	59.9	.6	50.4	.6	39.9	.6	28.1	.6	15.0
.8	59.7	.8	50.3	.8	39.7	.8	27.9	.8	14.8
10.	59.5	20.	50.0	30.	39.5	40.	27.6	50.	14.5

TEMPERATURE 55°

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	14.5	60.	.1	70.	17.0	80.	38.5	90.	71.7
.2	14.2	.2	.4	.2	17.4	.2	39.0	.2	72.4
.4	13.9	.4	.7	.4	17.8	.4	39.5	.4	73.1
.6	13.6	.6	1.1	.6	18.1	.6	40.1	.6	73.8
.8	13.3	.8	1.4	.8	18.5	.8	40.6	.8	74.5
51.	13.0	61.	1.7	71.	18.9	81.	41.1	91.	75.2
.2	12.7	.2	2.0	.2	19.3	.2	41.7	.2	75.8
.4	12.4	.4	2.3	.4	19.7	.4	42.2	.4	76.5
.6	12.2	.6	2.7	.6	20.0	.6	42.8	.6	77.1
.8	11.9	.8	3.0	.8	20.4	.8	43.3	.8	77.8
52.	11.6	62.	3.3	72.	20.8	82.	43.9	92.	78.4
.2	11.3	.2	3.6	.2	21.2	.2	44.5	.2	79.0
.4	11.0	.4	3.9	.4	21.6	.4	45.1	.4	79.7
.6	10.8	.6	4.3	.6	21.9	.6	45.7	.6	80.3
.8	10.5	.8	4.6	.8	22.3	.8	46.3	.8	81.0
53.	10.2	63.	4.9	73.	22.7	83.	46.9	93.	81.6
.2	9.9	.2	5.2	.2	23.1	.2	47.5	.2	82.2
.4	9.6	.4	5.6	.4	23.5	.4	48.2	.4	82.8
.6	9.4	.6	5.9	.6	23.9	.6	48.8	.6	83.4
.8	9.1	.8	6.3	.8	24.3	.8	49.5	.8	84.0
54.	8.8	64.	6.6	74.	24.7	84.	50.1	94.	84.6
.2	8.5	.2	6.9	.2	25.1	.2	50.8	.2	85.2
.4	8.2	.4	7.2	.4	25.5	.4	51.5	.4	85.8
.6	8.0	.6	7.6	.6	26.0	.6	52.2	.6	86.3
.8	7.7	.8	7.9	.8	26.4	.8	52.9	.8	86.9
55.	7.4	65.	8.2	75.	26.8	85.	53.6	95.	87.5
.2	7.1	.2	8.5	.2	27.2	.2	54.3	.2	88.1
.4	6.8	.4	8.9	.4	27.7	.4	55.1	.4	88.6
.6	6.5	.6	9.2	.6	28.1	.6	55.8	.6	89.2
.8	6.2	.8	9	.8	28.6	.8	56.6	.8	89.7
56.	5.9	66.	9.9	76.	29.0	86.	57.3	96.	90.3
.2	5.6	.2	10.2	.2	29.4	.2	58.0	.2	90.8
.4	5.3	.4	10.6	.4	29.9	.4	58.7	.4	91.3
.6	5.0	.6	10.9	.6	30.3	.6	59.5	.6	91.9
.8	4.7	.8	11.3	.8	30.8	.8	60.2	.8	92.4
57.	4.4	67.	11.6	77.	31.2	87.	60.9	97.	92.9
.2	4.1	.2	12.0	.2	31.7	.2	61.6	.2	93.4
.4	3.8	.4	12.3	.4	32.1	.4	62.4	.4	93.9
.6	3.5	.6	12.7	.6	32.6	.6	63.1	.6	94.5
.8	3.2	.8	13.0	.8	33.0	.8	63.9	.8	95.0
58.	2.9	68.	13.4	78.	33.5	88.	64.6	98.	95.5
.2	2.6	.2	13.8	.2	34.0	.2	65.3	.2	96.0
.4	2.3	.4	14.1	.4	34.5	.4	66.0	.4	96.5
.6	2.0	.6	14.5	.6	35.0	.6	66.8	.6	96.9
.8	1.7	.8	14.8	.8	35.5	.8	67.5	.8	97.4
59.	1.4	69.	15.2	79.	36.0	89.	68.2	99.	97.9
.2	1.1	.2	15.6	.2	36.5	.2	68.9	.2	98.4
.4	.8	.4	15.9	.4	37.0	.4	69.6	.4	98.8
.6	.5	.6	16.3	.6	37.5	.6	70.3	.6	99.3
.8	.2	.8	16.6	.8	38.0	.8	71.0	.8	99.7
60.	.1	70.	17.0	80.	38.5	90.	71.7	100.	—

TEMPERATURE 56°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	67.9	10.	59.2	20.	49.8	30.	39.2	40.	27.3
.2	67.7	.2	59.0	.2	49.6	.2	39.0	.2	27.0
.4	67.6	.4	58.8	.4	49.4	.4	38.7	.4	26.8
.6	67.4	.6	58.7	.6	49.2	.6	38.5	.6	26.5
.8	67.3	.8	58.5	.8	49.0	.8	38.2	.8	26.3
1.	67.1	11.	58.3	21.	48.8	31.	38.0	41.	26.0
.2	66.9	.2	58.1	.2	48.6	.2	37.8	.2	25.8
.4	66.8	.4	57.9	.4	48.4	.4	37.6	.4	25.5
.6	66.6	.6	57.8	.6	48.1	.6	37.3	.6	25.3
.8	66.5	.8	57.6	.8	47.9	.8	37.1	.8	25.0
2.	66.3	12.	57.4	22.	47.7	32.	36.9	42.	24.8
.2	66.1	.2	57.2	.2	47.5	.2	36.7	.2	24.5
.4	65.9	.4	57.0	.4	47.3	.4	36.5	.4	24.3
.6	65.8	.6	56.9	.6	47.1	.6	36.2	.6	24.0
.8	65.6	.8	56.7	.8	46.9	.8	36.0	.8	23.8
3.	65.4	13.	56.5	27.	46.7	33.	35.8	43.	23.5
.2	65.2	.2	56.3	.2	46.5	.2	35.6	.2	23.2
.4	65.0	.4	56.1	.4	46.3	.4	35.3	.4	23.0
.6	64.9	.6	56.0	.6	46.1	.6	35.1	.6	22.7
.8	64.7	.8	55.8	.8	45.9	.8	34.8	.8	22.5
4.	64.5	14.	55.6	24.	45.7	34.	34.6	44.	22.2
.2	64.3	.2	55.4	.2	45.5	.2	34.4	.2	21.9
.4	64.2	.4	55.2	.4	45.3	.4	34.1	.4	21.7
.6	64.0	.6	55.0	.6	45.0	.6	33.9	.6	21.4
.8	63.9	.8	54.8	.8	44.8	.8	33.6	.8	21.2
5.	63.7	15.	54.6	25.	44.6	35.	33.4	45.	20.9
.2	63.5	.2	54.4	.2	44.4	.2	33.2	.2	20.6
.4	63.3	.4	54.2	.4	44.2	.4	32.9	.4	20.4
.6	63.2	.6	54.1	.6	44.0	.6	32.7	.6	20.1
.8	63.0	.8	53.9	.8	43.8	.8	32.4	.8	19.9
6.	62.8	16.	53.7	26.	43.6	36.	32.2	46.	19.6
.2	62.6	.2	53.5	.2	43.4	.2	32.0	.2	19.3
.4	62.4	.4	53.3	.4	43.2	.4	31.7	.4	19.1
.6	62.3	.6	53.2	.6	42.9	.6	31.5	.6	18.8
.8	62.1	.8	53.0	.8	42.7	.8	31.2	.8	18.6
7.	61.9	17.	52.8	27.	42.5	37.	31.0	47.	18.3
.2	61.7	.2	52.6	.2	42.3	.2	30.8	.2	18.0
.4	61.5	.4	52.4	.4	42.1	.4	30.5	.4	17.7
.6	61.4	.6	52.2	.6	41.8	.6	30.3	.6	17.5
.8	61.2	.8	52.0	.8	41.6	.8	30.0	.8	17.2
8.	61.0	18.	51.8	28.	41.4	38.	29.8	48.	16.9
.2	60.8	.2	51.6	.2	41.2	.2	29.6	.2	16.6
.4	60.7	.4	51.4	.4	41.0	.4	29.3	.4	16.3
.6	60.5	.6	51.2	.6	40.7	.6	29.1	.6	16.1
.8	60.4	.8	51.0	.8	40.5	.8	28.8	.8	15.8
9.	60.2	19.	50.8	29.	40.3	39.	28.6	49.	15.5
.2	60.0	.2	50.6	.2	40.1	.2	28.3	.2	15.2
.4	59.8	.4	50.4	.4	39.9	.4	28.1	.4	14.9
.6	59.6	.6	50.2	.6	39.6	.6	27.8	.6	14.7
.8	59.4	.8	50.0	.8	39.4	.8	27.6	.8	14.4
10.	59.2	20.	49.8	30.	39.2	40.	27.3	50.	14.1

TEMPERATURE 56°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	14.1	00.	.5	70.	17.4	80.	38.0	90.	71.9
.2	13.8	.2	.8	.2	17.8	.2	39.4	.2	72.6
.4	13.5	.4	1.1	.4	18.2	.4	40.0	.4	73.3
.6	13.3	.6	1.4	.6	18.5	.6	40.5	.6	73.9
.8	13.0	.8	1.7	.8	18.9	.8	41.1	.8	74.6
51.	12.7	61.	2.0	71.	19.3	81.	41.6	91.	75.3
.2	12.4	.2	2.3	.2	19.7	.2	42.2	.2	76.0
.4	12.1	.4	2.6	.4	20.1	.4	42.7	.4	76.6
.6	11.9	.6	3.0	.6	20.4	.6	43.3	.6	77.3
.8	11.6	.8	3.3	.8	20.8	.8	43.8	.8	77.9
52.	11.3	02.	3.6	72.	21.2	82.	44.4	92.	78.6
.2	11.0	.2	3.9	.2	21.6	.2	45.0	.2	79.2
.4	10.7	.4	4.2	.4	22.0	.4	45.6	.4	79.8
.6	10.5	.6	4.6	.6	22.3	.6	46.2	.6	80.5
.8	10.2	.8	4.9	.8	22.7	.8	46.8	.8	81.1
53.	9.9	63.	5.2	73.	23.1	83.	47.4	93.	81.7
.2	9.6	.2	5.5	.2	23.5	.2	48.0	.2	82.3
.4	9.3	.4	5.9	.4	23.9	.4	48.7	.4	82.9
.6	9.1	.6	6.2	.6	24.3	.6	49.3	.6	83.5
.8	8.8	.8	6.6	.8	24.7	.8	50.0	.8	84.1
54.	8.5	64.	6.9	74.	25.1	84.	50.6	94.	84.7
.2	8.2	.2	7.2	.2	25.5	.2	51.3	.2	85.3
.4	7.9	.4	7.5	.4	25.9	.4	52.0	.4	85.9
.6	7.7	.6	7.9	.6	26.4	.6	52.6	.6	86.4
.8	7.4	.8	8.2	.8	26.8	.8	53.3	.8	87.0
55.	7.1	65.	8.5	75.	27.2	85.	54.0	95.	87.6
.2	6.8	.2	8.8	.2	27.6	.2	54.7	.2	88.2
.4	6.5	.4	9.2	.4	28.1	.4	55.4	.4	88.7
.6	6.1	.6	9.5	.6	28.5	.6	56.2	.6	89.3
.8	5.8	.8	9.9	.8	29.0	.8	56.9	.8	89.8
56.	5.5	66.	10.2	76.	29.4	86.	57.6	96.	90.4
.2	5.2	.2	10.6	.2	29.8	.2	58.3	.2	90.9
.4	4.9	.4	10.9	.4	30.3	.4	59.0	.4	91.4
.6	4.7	.6	11.3	.6	30.7	.6	59.8	.6	92.0
.8	4.4	.8	11.6	.8	31.2	.8	60.5	.8	92.5
57.	4.1	67.	12.0	77.	31.6	87.	61.2	97.	93.0
.2	3.8	.2	12.4	.2	32.1	.2	61.9	.2	93.5
.4	3.5	.4	12.7	.4	32.5	.4	62.6	.4	94.0
.6	3.2	.6	13.1	.6	33.0	.6	63.4	.6	94.5
.8	2.9	.8	13.4	.8	33.4	.8	64.1	.8	95.0
58.	2.6	68.	13.8	78.	33.9	88.	64.8	98.	95.5
.2	2.3	.2	14.2	.2	34.4	.2	65.5	.2	96.0
.4	2.0	.4	14.5	.4	34.9	.4	66.2	.4	96.5
.6	1.7	.6	14.9	.6	35.4	.6	67.0	.6	97.0
.8	1.4	.8	15.2	.8	35.9	.8	67.7	.8	97.5
59.	1.1	69.	15.6	79.	36.4	89.	68.4	99.	98.0
.2	.8	.2	16.0	.2	36.9	.2	69.1	.2	98.5
.4	.5	.4	16.3	.4	37.4	.4	69.8	.4	98.9
.6	.1	.6	16.7	.6	37.9	.6	70.5	.6	99.4
.8	.2	.8	17.0	.8	38.4	.8	71.2	.8	99.8
60.	.5	70.	17.4	80.	38.9	90.	71.9	100.	—

TEMPERATURE 57°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	67.7	10.	59.0	20.	49.5	30.	38.9	40.	27.0
.2	67.5	.2	58.8	.2	49.3	.2	38.7	.2	26.7
.4	67.4	.4	58.6	.4	49.1	.4	38.4	.4	26.5
.6	67.2	.6	58.5	.6	48.9	.6	38.2	.6	26.2
.8	67.1	.8	58.3	.8	48.7	.8	37.9	.8	26.0
1.	66.9	11.	58.1	21.	48.5	31.	37.7	41.	25.7
.2	66.7	.2	57.9	.2	48.3	.2	37.5	.2	25.5
.4	66.6	.4	57.7	.4	48.1	.4	37.3	.4	25.2
.6	66.4	.6	57.6	.6	47.8	.6	37.0	.6	25.0
.8	66.3	.8	57.4	.8	47.6	.8	36.8	.8	24.7
2.	66.1	12.	57.2	22.	47.4	32.	36.6	42.	24.5
.2	65.9	.2	57.0	.2	47.2	.2	36.4	.2	24.2
.4	65.7	.4	56.8	.4	47.0	.4	36.2	.4	24.0
.6	65.6	.6	56.7	.6	46.8	.6	35.9	.6	23.7
.8	65.4	.8	56.5	.8	46.6	.8	35.7	.8	23.5
3.	65.2	13.	56.3	23.	46.4	33.	35.5	43.	23.2
.2	65.0	.2	56.1	.2	46.2	.2	35.3	.2	22.9
.4	64.9	.4	55.9	.4	46.0	.4	35.0	.4	22.7
.6	64.7	.6	55.8	.6	45.8	.6	34.8	.6	22.4
.8	64.6	.8	55.6	.8	45.6	.8	34.5	.8	22.2
4.	64.4	14.	55.4	24.	45.4	34.	34.3	44.	21.9
.2	64.2	.2	55.2	.2	45.2	.2	34.1	.2	21.6
.4	64.0	.4	55.0	.4	45.0	.4	33.8	.4	21.4
.6	63.9	.6	54.8	.6	44.8	.6	33.6	.6	21.1
.8	63.7	.8	54.6	.8	44.6	.8	33.3	.8	20.9
5.	63.5	15.	54.4	25.	44.4	35.	33.1	45.	20.6
.2	63.3	.2	54.2	.2	44.2	.2	32.9	.2	20.3
.4	63.1	.4	54.0	.4	44.0	.4	32.6	.4	20.0
.6	63.0	.6	53.9	.6	43.7	.6	32.4	.6	19.8
.8	62.8	.8	53.7	.8	43.5	.8	32.1	.8	19.5
6.	62.6	16.	53.5	26.	43.3	36.	31.9	46.	19.2
.2	62.4	.2	53.3	.2	43.1	.2	31.7	.2	18.9
.4	62.2	.4	53.1	.4	42.9	.4	31.4	.4	18.7
.6	62.1	.6	52.9	.6	42.6	.6	31.2	.6	18.4
.8	61.9	.8	52.7	.8	42.4	.8	30.9	.8	18.2
7.	61.7	17.	52.5	27.	42.2	37.	30.7	47.	17.9
.2	61.5	.2	52.3	.2	42.0	.2	30.5	.2	17.6
.4	61.3	.4	52.1	.4	41.8	.4	30.2	.4	17.4
.6	61.2	.6	51.9	.6	41.5	.6	30.0	.6	17.1
.8	61.0	.8	51.7	.8	41.3	.8	29.7	.8	16.9
8.	60.8	18.	51.5	28.	41.1	38.	29.5	48.	16.6
.2	60.6	.2	51.3	.2	40.9	.2	29.2	.2	16.3
.4	60.5	.4	51.1	.4	40.7	.4	29.0	.4	16.0
.6	60.3	.6	50.9	.6	40.4	.6	28.7	.6	15.8
.8	60.2	.8	50.7	.8	40.2	.8	28.5	.8	15.5
9.	60.0	19.	50.5	29.	40.0	39.	28.2	49.	15.2
.2	59.8	.2	50.3	.2	39.8	.2	28.0	.2	14.9
.4	59.6	.4	50.1	.4	39.6	.4	27.7	.4	14.6
.6	59.4	.6	49.9	.6	39.3	.6	27.5	.6	14.4
.8	59.2	.8	49.7	.8	39.1	.8	27.2	.8	14.1
10.	59.0	20.	49.5	30.	38.9	40.	27.0	50.	13.8

TEMPERATURE 57°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	13.8	60.	9	70.	1.8	80.	39.3	90.	72.1		
.2	13.5	.2	1.2	.2	18.2	.2	39.8	.2	72.8		
.4	13.2	.4	1.5	.4	18.6	.4	40.4	.4	73.5		
.6	13.0	.6	1.8	.6	18.9	.6	40.9	.6	74.1		
.8	12.7	.8	2.1	.8	19.3	.8	41.5	.8	74.8		
51.	12.4	61.	2.4	71.	19.7	81.	42.0	91.	75.5		
.2	12.1	.2	2.7	.2	20.1	.2	42.6	.2	76.1		
.4	11.8	.4	3.0	.4	20.5	.4	43.1	.4	76.8		
.6	11.6	.6	3.4	.6	20.8	.6	43.7	.6	77.4		
.8	11.3	.8	3.7	.8	21.2	.8	44.2	.8	78.1		
52.	11.0	62.	4.0	72.	21.6	82.	44.8	92.	78.7		
.2	10.7	.2	4.3	.2	22.0	.2	45.4	.2	79.3		
.4	10.4	.4	4.6	.4	22.4	.4	46.0	.4	80.0		
.6	10.1	.6	5.0	.6	22.7	.6	46.6	.6	80.6		
.8	9.8	.8	5.3	.8	23.1	.8	47.2	.8	81.3		
53.	9.5	63.	5.6	73.	23.5	83.	47.8	93.	81.9		
.2	9.2	.2	5.9	.2	23.9	.2	48.4	.2	82.5		
.4	8.9	.4	6.2	.4	24.3	.4	49.1	.4	83.1		
.6	8.7	.6	6.6	.6	24.7	.6	49.7	.6	83.6		
.8	8.4	.8	6.9	.8	25.1	.8	50.4	.8	84.2		
54.	8.1	64.	7.2	74.	25.5	84.	51.0	94.	84.8		
.2	7.8	.2	7.5	.2	25.9	.2	51.7	.2	85.4		
.4	7.5	.4	7.9	.4	26.3	.4	52.4	.4	86.0		
.6	7.3	.6	8.2	.6	26.8	.6	53.0	.6	86.5		
.8	7.0	.8	8.6	.8	27.2	.8	53.7	.8	87.1		
55.	6.7	65.	8.0	75.	27.6	85.	54.4	95.	87.7		
.2	6.4	.2	9.2	.2	28.0	.2	55.1	.2	88.3		
.4	6.1	.4	9.6	.4	28.5	.4	55.8	.4	88.8		
.6	5.8	.6	9.9	.6	28.9	.6	56.5	.6	89.4		
.8	5.5	.8	10.3	.8	29.4	.8	57.3	.8	89.9		
56.	5.2	66.	10.6	76.	29.9	86.	58.0	96.	90.5		
.2	4.9	.2	10.9	.2	30.2	.2	58.7	.2	91.0		
.4	4.6	.4	11.3	.4	30.7	.4	59.4	.4	91.5		
.6	4.3	.6	11.6	.6	31.1	.6	60.1	.6	92.1		
.8	4.0	.8	12.0	.8	31.6	.8	60.8	.8	92.6		
57.	3.7	67.	12.3	77.	32.0	87.	61.5	97.	93.1		
.2	3.4	.2	12.7	.2	32.5	.2	62.2	.2	93.6		
.4	3.1	.4	13.0	.4	32.9	.4	62.9	.4	94.1		
.6	2.8	.6	13.4	.6	33.4	.6	63.7	.6	94.6		
.8	2.5	.8	13.7	.8	33.8	.8	64.4	.8	95.1		
58.	2.2	68.	14.1	78.	34.3	88.	65.1	98.	95.6		
.2	1.9	.2	14.5	.2	34.8	.2	65.8	.2	96.1		
.4	1.6	.4	15.0	.4	35.3	.4	66.5	.4	96.6		
.6	1.3	.6	15.2	.6	35.8	.6	67.2	.6	97.0		
.8	1.0	.8	15.6	.8	36.3	.8	67.9	.8	97.5		
59.	.7	69.	16.0	79.	36.8	89.	68.6	99.	98.0		
.2	.4	.2	16.5	.2	37.3	.2	69.3	.2	98.5		
.4	.1	.4	16.7	.4	37.8	.4	70.0	.4	98.9		
.6	.8	.6	17.1	.6	38.3	.6	70.7	.6	99.4		
.8	.6	.8	17.4	.8	38.8	.8	71.4	.8	99.8		
60.	.9	70.	17.8	80.	39.3	90.	72.1	100.			

TEMPERATURE 58°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	67.5	10.	58.8	20.	49.2	30.	38.6	40.	26.7
.2	67.3	.2	58.6	.2	49.0	.2	38.4	.2	26.4
.4	67.1	.4	58.4	.4	48.8	.4	38.1	.4	26.2
.6	67.0	.6	58.3	.6	48.6	.6	37.9	.6	25.9
.8	66.8	.8	58.1	.8	48.4	.8	37.6	.8	25.7
1.	66.6	11.	57.9	21.	48.2	31.	37.4	41.	25.4
.2	66.4	.2	57.7	.2	48.0	.2	37.2	.2	25.2
.4	66.3	.4	57.5	.4	47.8	.4	37.0	.4	24.9
.6	66.1	.6	57.4	.6	47.6	.6	36.7	.6	24.7
.8	66.0	.8	57.2	.8	47.4	.8	36.5	.8	24.4
2.	65.8	12.	57.0	22.	47.2	32.	36.3	42.	24.2
.2	65.6	.2	56.8	.2	47.0	.2	36.1	.2	23.9
.4	65.5	.4	56.6	.4	46.8	.4	35.8	.4	23.7
.6	65.3	.6	56.4	.6	46.6	.6	35.6	.6	23.4
.8	65.2	.8	56.2	.8	46.4	.8	35.3	.8	23.2
3.	65.0	13.	66.0	23.	46.2	33.	35.1	43.	22.9
.2	64.8	.2	55.8	.2	46.0	.2	34.9	.2	22.6
.4	64.0	.4	55.6	.4	45.8	.4	34.7	.4	22.4
.6	64.5	.6	55.5	.6	45.5	.6	34.4	.6	22.1
.8	64.3	.8	55.3	.8	45.3	.8	34.2	.8	21.9
4.	64.1	14.	55.1	24.	45.1	34.	34.0	44.	21.6
.2	63.9	.2	54.9	.2	44.9	.2	33.8	.2	21.3
.4	63.7	.4	54.7	.4	44.7	.4	33.5	.4	21.0
.6	63.6	.6	54.6	.6	44.5	.6	33.3	.6	20.8
.8	63.4	.8	54.4	.8	44.3	.8	33.0	.8	20.5
5.	63.2	15.	64.2	25.	44.1	35.	32.8	45.	20.2
.2	63.0	.2	54.0	.2	43.9	.2	32.6	.2	19.9
.4	62.9	.4	53.8	.4	43.7	.4	32.3	.4	19.7
.6	62.7	.6	53.6	.6	43.4	.6	32.1	.6	19.4
.8	62.6	.8	53.4	.8	43.2	.8	31.8	.8	19.2
6.	62.4	16.	53.2	26.	43.0	36.	31.6	46.	18.9
.2	62.2	.2	53.0	.2	42.8	.2	31.4	.2	18.6
.4	62.0	.4	52.8	.4	42.6	.4	31.1	.4	18.4
.6	61.9	.6	52.6	.6	42.3	.6	30.9	.6	18.1
.8	61.7	.8	52.4	.8	42.1	.8	30.6	.8	17.9
7.	61.5	17.	52.2	27.	41.9	37.	30.4	47.	17.6
.2	61.3	.2	52.0	.2	41.7	.2	30.1	.2	17.3
.4	61.1	.4	51.8	.4	41.5	.4	29.9	.4	17.1
.6	61.0	.6	51.6	.6	41.2	.6	29.6	.6	16.8
.8	60.8	.8	51.4	.8	41.0	.8	29.4	.8	16.6
8.	60.6	18.	51.2	28.	40.8	38.	29.1	48.	16.3
.2	60.4	.2	51.0	.2	40.6	.2	28.9	.2	16.0
.4	60.2	.4	50.8	.4	40.4	.4	28.6	.4	15.7
.6	60.1	.6	50.6	.6	40.1	.6	28.4	.6	15.5
.8	59.9	.8	50.4	.8	39.9	.8	28.1	.8	15.2
9.	59.7	19.	50.2	29.	39.7	39.	27.9	49.	14.9
.2	59.5	.2	50.0	.2	39.5	.2	27.7	.2	14.6
.4	59.3	.4	49.8	.4	39.3	.4	27.4	.4	14.3
.6	59.2	.6	49.6	.6	39.0	.6	27.2	.6	14.1
.8	59.0	.8	49.4	.8	38.8	.8	26.9	.8	13.8
10.	58.8	20.	49.2	30.	38.6	40.	26.7	50.	13.5

TEMPERATURE 58°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	13.5	60.	1.2	70.	18.2	80.	39.7	90.	72.3		
.2	13.2	.2	1.5	.2	19.6	.2	40.2	.2	73.0		
.4	12.9	.4	1.8	.4	19.0	.4	40.8	.4	73.7		
.6	12.7	.6	2.2	.6	19.3	.6	41.3	.6	74.3		
.8	12.4	.8	2.5	.8	19.7	.8	41.9	.8	75.0		
51.	12.1	61.	2.8	71.	20.1	81.	42.4	91.	75.7		
.2	11.8	.2	3.1	.2	20.5	.2	43.0	.2	76.3		
.4	11.5	.4	3.4	.4	20.9	.4	43.6	.4	77.0		
.6	11.3	.6	3.7	.6	21.2	.6	44.1	.6	77.6		
.8	11.0	.8	4.0	.8	21.6	.8	44.7	.8	78.3		
52.	10.7	62.	4.3	72.	22.0	82.	45.3	92.	78.9		
.2	10.4	.2	4.6	.2	22.4	.2	45.9	.2	79.5		
.4	10.1	.4	5.0	.4	22.8	.4	46.5	.4	80.1		
.6	9.8	.6	5.3	.6	23.1	.6	47.0	.6	80.8		
.8	9.5	.8	5.7	.8	23.5	.8	47.6	.8	81.4		
53.	9.2	63.	6.0	73.	23.9	83.	48.2	93.	82.0		
.2	8.9	.2	6.3	.2	24.3	.2	48.8	.2	82.6		
.4	8.6	.4	6.6	.4	24.7	.4	49.5	.4	83.2		
.6	8.4	.6	7.0	.6	25.1	.6	50.1	.6	83.8		
.8	8.1	.8	7.3	.8	25.5	.8	50.8	.8	84.4		
54.	7.8	64.	7.6	74.	25.9	84.	51.4	94.	85.0		
.2	7.5	.2	7.9	.2	26.3	.2	52.1	.2	85.6		
.4	7.2	.4	8.3	.4	26.7	.4	52.8	.4	86.1		
.6	7.0	.6	8.6	.6	27.2	.6	53.4	.6	86.7		
.8	6.7	.8	9.0	.8	27.6	.8	54.1	.8	87.2		
55.	6.4	65.	9.3	75.	28.0	85.	54.8	95.	87.8		
.2	6.1	.2	9.6	.2	28.4	.2	55.5	.2	88.3		
.4	5.8	.4	10.0	.4	28.9	.4	56.2	.4	88.9		
.6	5.5	.6	10.3	.6	29.3	.6	56.9	.6	89.4		
.8	5.2	.8	10.7	.8	29.8	.8	57.6	.8	90.0		
56.	4.9	66.	11.0	76.	30.2	86.	58.3	96.	90.5		
.2	4.6	.2	11.3	.2	30.6	.2	59.0	.2	91.0		
.4	4.3	.4	11.7	.4	31.1	.4	59.7	.4	91.6		
.6	4.0	.6	12.0	.6	31.5	.6	60.4	.6	92.1		
.8	3.7	.8	12.4	.8	32.0	.8	61.1	.8	92.7		
57.	3.4	67.	12.7	77.	32.4	87.	61.8	97.	93.2		
.2	3.1	.2	13.1	.2	32.9	.2	62.5	.2	93.7		
.4	2.8	.4	13.4	.4	33.3	.4	63.2	.4	94.2		
.6	2.5	.6	13.8	.6	33.8	.6	64.0	.6	94.7		
.8	2.2	.8	14.1	.8	34.2	.8	64.7	.8	95.2		
58.	1.9	68.	14.5	78.	34.7	88.	65.4	98.	95.7		
.2	1.6	.2	14.9	.2	35.2	.2	66.1	.2	96.2		
.4	1.3	.4	15.2	.4	35.7	.4	66.8	.4	96.7		
.6	1.0	.6	15.6	.6	36.2	.6	67.5	.6	97.1		
.8	.7	.8	15.9	.8	36.7	.8	68.2	.8	97.6		
59.	.4	69.	16.3	79.	37.2	89.	68.9	99.	98.1		
.2	.1	.2	16.7	.2	37.7	.2	69.6	.2	98.6		
.4	.2	.4	17.1	.4	38.2	.4	70.3	.4	99.0		
.6	.6	.6	17.4	.6	38.7	.6	70.9	.6	99.5		
.8	.9	.8	17.8	.8	39.2	.8	71.6	.8	99.9		
60.	1.2	70.	18.2	80.	39.7	90.	72.3	100.	—		

TEMPERATURE 59°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	07.2	10.	58.8	20.	49.0	30.	38.8	40.	28.8
.2	07.0	.2	59.3	.2	48.8	.2	38.1	.2	28.1
.4	66.8	.4	58.1	.4	48.6	.4	37.8	.4	25.5
.6	66.7	.6	58.0	.6	48.3	.6	37.6	.6	25.6
.8	66.5	.8	57.8	.8	48.1	.8	37.3	.8	25.3
1.	66.3	11.	57.6	21.	47.9	31.	37.1	41.	25.1
.2	66.1	.2	57.4	.2	47.7	.2	36.0	.2	24.8
.4	66.0	.4	57.2	.4	47.5	.4	36.7	.4	21.0
.6	65.8	.6	57.1	.6	47.3	.6	36.4	.6	24.3
.8	65.7	.8	56.9	.8	47.1	.8	36.2	.8	24.1
2.	65.5	12.	56.7	22.	46.9	32.	36.0	42.	21.9
.2	65.3	.2	56.5	.2	46.7	.2	35.8	.2	23.6
.4	65.2	.4	56.3	.4	46.5	.4	35.5	.4	23.8
.6	65.0	.6	56.1	.6	46.3	.6	35.3	.6	23.1
.8	64.9	.8	55.9	.8	46.1	.8	35.0	.8	22.8
3.	64.7	13.	55.7	23.	45.9	33.	34.8	43.	22.6
.2	64.5	.2	55.5	.2	45.7	.2	34.0	.2	22.3
.4	64.3	.4	55.3	.4	45.5	.4	34.1	.4	22.1
.6	64.2	.6	55.2	.6	45.2	.6	34.1	.6	21.8
.8	64.0	.8	55.0	.8	45.0	.8	33.9	.8	21.6
4.	63.8	14.	54.8	24.	44.8	34.	33.7	44.	21.3
.2	63.6	.2	54.6	.2	44.6	.2	33.5	.2	21.0
.4	63.5	.4	54.4	.4	44.4	.4	33.2	.4	20.7
.6	63.3	.6	54.3	.6	44.2	.6	33.0	.6	20.5
.8	63.2	.8	54.1	.8	44.0	.8	32.7	.8	20.2
5.	63.0	15.	53.9	25.	43.8	35.	32.5	45.	19.9
.2	62.8	.2	53.7	.2	43.6	.2	32.3	.2	19.6
.4	62.6	.4	53.5	.4	43.4	.4	32.0	.4	19.4
.6	62.5	.6	53.3	.6	43.1	.6	31.8	.6	19.1
.8	62.3	.8	53.1	.8	42.9	.8	31.5	.8	18.9
6.	62.1	16.	52.9	26.	42.7	36.	31.3	46.	18.6
.2	61.9	.2	52.7	.2	42.5	.2	31.1	.2	18.3
.4	61.7	.4	52.5	.4	42.3	.4	30.8	.4	18.0
.6	61.6	.6	52.3	.6	42.0	.6	30.6	.6	17.8
.8	61.4	.8	52.1	.8	41.8	.8	30.3	.8	17.5
7.	61.2	17.	51.9	27.	41.6	37.	30.1	47.	17.2
.2	61.0	.2	51.7	.2	41.4	.2	29.8	.2	16.9
.4	60.8	.4	51.5	.4	41.2	.4	29.6	.4	16.7
.6	60.7	.6	51.4	.6	40.9	.6	29.3	.6	16.4
.8	60.5	.8	51.2	.8	40.7	.8	29.1	.8	16.2
8.	60.3	18.	51.0	28.	40.5	38.	28.8	48.	15.9
.2	60.1	.2	50.8	.2	40.3	.2	28.6	.2	15.6
.4	59.9	.4	50.6	.4	40.1	.4	28.3	.4	15.4
.6	59.8	.6	50.4	.6	39.8	.6	28.1	.6	15.1
.8	59.6	.8	50.3	.8	39.6	.8	27.8	.8	14.9
9.	59.4	19.	50.0	29.	39.4	39.	27.6	49.	14.6
.2	59.2	.2	49.8	.2	39.2	.2	27.3	.2	14.3
.4	59.0	.4	49.6	.4	39.0	.4	27.1	.4	14.0
.6	58.9	.6	49.4	.6	38.7	.6	26.8	.6	13.7
.8	58.7	.8	49.3	.8	38.5	.8	26.6	.8	13.4
10.	58.5	20.	49.0	30.	38.3	40.	26.3	50.	13.1

TEMPERATURE 59°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	13.1	60.	1.8	70.	18.0	80.	40.2	90.	72.6
.2	12.8	.2	1.8	.2	19.0	.2	40.7	.2	73.3
.4	12.5	.4	2.1	.4	19.4	.4	41.2	.4	73.9
.6	12.3	.6	2.5	.6	19.7	.6	41.8	.6	74.4
.8	12.0	.8	2.8	.8	20.1	.8	42.8	.8	75.2
51.	11.7	61.	3.1	71.	20.6	81.	42.8	91.	75.9
.2	11.4	.2	3.1	.2	20.9	.2	43.1	.2	76.6
.4	11.1	.4	3.7	.4	21.1	.4	44.0	.4	77.4
.6	10.9	.6	4.1	.6	21.6	.6	44.5	.6	77.8
.8	10.6	.8	4.4	.8	22.0	.8	45.1	.8	78.5
52.	10.3	62.	1.7	72.	22.1	82.	45.7	92.	79.1
.2	10.0	.2	5.0	.2	22.5	.2	46.3	.2	79.7
.4	9.7	.4	5.1	.4	23.2	.4	46.9	.4	80.3
.6	9.5	.6	5.7	.6	23.5	.6	47.5	.6	80.9
.8	9.2	.8	6.0	.8	23.8	.8	48.1	.8	81.5
53.	8.9	63.	6.5	73.	24.1	83.	48.7	93.	82.1
.2	8.1	.2	6.6	.2	24.7	.2	49.3	.2	82.7
.4	8.3	.4	6.9	.4	25.1	.4	50.0	.4	83.3
.6	8.0	.6	7.3	.6	25.5	.6	50.6	.6	83.9
.8	7.7	.8	7.6	.8	25.9	.8	51.2	.8	84.5
54.	7.4	64.	7.9	74.	26.3	84.	51.8	94.	85.1
.2	7.1	.2	8.2	.2	26.7	.2	52.5	.2	85.7
.4	6.8	.4	8.6	.4	27.1	.4	53.1	.4	86.3
.6	6.6	.6	8.9	.6	27.6	.6	53.8	.6	86.8
.8	6.3	.8	9.3	.8	28.0	.8	54.4	.8	87.3
55.	6.0	65.	9.6	75.	28.4	85.	55.1	95.	87.9
.2	5.7	.2	9.9	.2	28.8	.2	55.8	.2	88.4
.4	5.4	.4	10.3	.4	29.3	.4	56.5	.4	89.0
.6	5.1	.6	10.6	.6	29.7	.6	57.2	.6	89.5
.8	4.8	.8	11.0	.8	30.2	.8	57.9	.8	90.1
56.	4.5	66.	11.3	76.	30.6	86.	58.6	96.	90.6
.2	4.2	.2	11.7	.2	31.0	.2	59.3	.2	91.1
.4	3.9	.4	12.0	.4	31.5	.4	60.0	.4	91.7
.6	3.6	.6	12.4	.6	31.9	.6	60.7	.6	92.2
.8	3.3	.8	12.7	.8	32.4	.8	61.4	.8	92.8
57.	3.0	67.	13.1	77.	32.8	87.	62.1	97.	93.3
.2	2.7	.2	13.5	.2	33.3	.2	62.8	.2	93.8
.4	2.4	.4	13.8	.4	33.8	.4	63.5	.4	94.3
.6	2.1	.6	14.2	.6	34.2	.6	64.3	.6	94.8
.8	1.8	.8	14.5	.8	34.7	.8	65.0	.8	95.3
58.	1.5	68.	14.9	78.	35.2	88.	65.7	98.	95.8
.2	1.2	.2	15.3	.2	35.7	.2	66.4	.2	96.3
.4	.9	.4	15.6	.4	36.2	.4	67.1	.4	96.8
.6	.6	.6	16.0	.6	36.6	.6	67.8	.6	97.2
.8	.3	.8	16.3	.8	37.1	.8	68.5	.8	97.7
59.	1.2	69.	16.7	79.	37.6	89.	69.2	99.	98.2
.2	.3	.2	17.1	.2	38.1	.2	69.9	.2	98.7
.4	.0	.4	17.5	.4	38.6	.4	70.6	.4	99.1
.6	.9	.6	17.8	.6	39.2	.6	71.2	.6	99.6
.8	1.2	.8	18.2	.8	39.7	.8	71.9	.8	100.0
60.	1.5	70.	18.6	80.	40.2	90.	72.6	100.	—

TEMPERATURE 60°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	67.0	10.	58.2	20.	48.7	30.	38.0	40.	28.0
.2	66.8	.2	58.0	.2	48.5	.2	37.8	.2	25.8
.4	66.6	.4	57.8	.4	48.3	.4	37.6	.4	25.5
.6	66.5	.6	57.7	.6	48.0	.6	37.3	.6	25.3
.8	66.3	.8	57.5	.8	47.8	.8	37.1	.8	25.0
1.	66.1	11.	57.3	21.	47.6	31.	36.9	41.	24.8
.2	65.9	.2	57.1	.2	47.4	.2	36.7	.2	24.5
.4	65.8	.4	56.9	.4	47.2	.4	36.4	.4	24.3
.6	65.6	.6	56.8	.6	47.0	.6	36.2	.6	24.0
.8	65.5	.8	56.6	.8	46.8	.8	35.0	.8	23.8
2.	65.3	12.	56.4	22.	46.6	32.	35.7	42.	23.5
.2	65.1	.2	56.2	.2	46.4	.2	35.5	.2	23.2
.4	65.0	.4	56.0	.4	46.2	.4	35.2	.4	23.0
.6	64.8	.6	55.9	.6	46.0	.6	35.0	.6	22.7
.8	64.7	.8	55.7	.8	45.8	.8	34.7	.8	22.5
3.	64.5	13.	55.5	23.	45.6	33.	34.5	43.	22.2
.2	64.3	.2	55.3	.2	45.4	.2	34.3	.2	21.9
.4	64.1	.4	55.1	.4	45.2	.4	34.1	.4	21.7
.6	64.0	.6	55.0	.6	45.0	.6	33.8	.6	21.4
.8	63.8	.8	54.8	.8	44.8	.8	33.6	.8	21.2
4.	63.6	14.	54.6	24.	44.6	34.	33.4	44.	20.9
.2	63.4	.2	54.4	.2	44.4	.2	33.2	.2	20.6
.4	63.2	.4	54.2	.4	44.2	.4	32.9	.4	20.4
.6	63.1	.6	54.1	.6	44.0	.6	32.7	.6	20.1
.8	62.9	.8	53.9	.8	43.7	.8	32.4	.8	19.9
5.	62.7	15.	53.7	25.	43.5	35.	32.2	45.	19.6
.2	62.5	.2	53.5	.2	43.3	.2	32.0	.2	19.3
.4	62.3	.4	53.3	.4	43.1	.4	31.7	.4	19.1
.6	62.2	.6	53.1	.6	42.8	.6	31.5	.6	18.8
.8	62.0	.8	52.9	.8	42.6	.8	31.2	.8	18.6
6.	61.8	16.	52.7	26.	42.4	36.	31.0	46.	18.3
.2	61.6	.2	52.5	.2	42.2	.2	30.8	.2	18.0
.4	61.4	.4	52.3	.4	42.0	.4	30.5	.4	17.7
.6	61.3	.6	52.1	.6	41.7	.6	30.3	.6	17.5
.8	61.1	.8	51.9	.8	41.5	.8	30.0	.8	17.2
7.	60.9	17.	51.7	27.	41.3	37.	29.8	47.	16.9
.2	60.7	.2	51.5	.2	41.1	.2	29.5	.2	16.6
.4	60.5	.4	51.3	.4	40.9	.4	29.3	.4	16.4
.6	60.4	.6	51.1	.6	40.6	.6	29.0	.6	16.1
.8	60.2	.8	50.9	.8	40.4	.8	28.8	.8	15.9
8.	60.0	18.	50.7	28.	40.2	38.	28.5	48.	15.6
.2	59.8	.2	50.5	.2	40.0	.2	28.3	.2	15.3
.4	59.6	.4	50.3	.4	39.8	.4	28.0	.4	15.0
.6	59.5	.6	50.1	.6	39.5	.6	27.8	.6	14.8
.8	59.3	.8	49.9	.8	39.3	.8	27.5	.8	14.5
9.	59.1	19.	49.7	29.	39.1	39.	27.3	49.	14.2
.2	58.9	.2	49.5	.2	38.9	.2	27.0	.2	13.9
.4	58.7	.4	49.3	.4	38.7	.4	26.8	.4	13.6
.6	58.6	.6	49.1	.6	38.4	.6	26.5	.6	13.4
.8	58.4	.8	48.9	.8	38.2	.8	26.3	.8	13.1
10.	58.2	20.	48.7	30.	38.0	40.	26.0	50.	12.8

TEMPERATURE 60°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	12.8	60.	1.9	70.	18.9	80.	40.6	90.	72.8		
.2	12.5	.2	2.2	.2	19.3	.2	41.1	.2	73.5		
.4	12.2	.4	2.5	.4	19.7	.4	41.7	.4	74.1		
.6	12.0	.6	2.8	.6	20.0	.6	42.2	.6	74.8		
.8	11.7	.8	3.1	.8	20.4	.8	42.8	.8	75.4		
51.	11.4	61.	3.4	71.	20.8	81.	43.3	91.	76.1		
.2	11.1	.2	3.7	.2	21.2	.2	43.0	.2	76.7		
.4	10.8	.4	4.0	.4	21.6	.4	44.4	.4	77.3		
.6	10.6	.6	4.4	.6	21.9	.6	45.0	.6	78.0		
.8	10.3	.8	4.7	.8	22.3	.8	45.5	.8	78.6		
52.	10.0	62.	5.0	72.	22.7	82.	46.1	92.	79.2		
.2	9.7	.2	5.3	.2	23.1	.2	46.7	.2	79.8		
.4	9.4	.4	5.7	.4	23.5	.4	47.3	.4	80.4		
.6	9.2	.6	6.0	.6	23.9	.6	47.9	.6	81.1		
.8	8.9	.8	6.4	.8	24.3	.8	48.5	.8	81.7		
53.	8.6	63.	6.7	73.	24.7	83.	49.1	93.	82.3		
.2	8.3	.2	7.0	.2	25.1	.2	49.7	.2	82.9		
.4	8.0	.4	7.3	.4	25.5	.4	50.3	.4	83.5		
.6	7.7	.6	7.7	.6	25.9	.6	51.0	.6	84.0		
.8	7.4	.8	8.0	.8	26.3	.8	51.6	.8	84.6		
54.	7.1	64.	8.3	74.	26.7	84.	52.2	94.	85.2		
.2	6.8	.2	8.6	.2	27.1	.2	52.9	.2	85.8		
.4	6.5	.4	9.0	.4	27.5	.4	53.5	.4	86.3		
.6	6.2	.6	9.3	.6	28.0	.6	54.2	.6	86.9		
.8	5.9	.8	9.7	.8	28.4	.8	54.8	.8	87.4		
55.	5.6	65.	10.0		28.8	85.	55.5	95.	88.0		
.2	5.3	.2	10.3		29.2	.2	56.2	.2	88.5		
.4	5.0	.4	10.7		29.7	.4	56.9	.4	89.1		
.6	4.8	.6	11.0		30.1	.6	57.6	.6	89.6		
.8	4.5	.8	11.4		30.6	.8	58.3	.8	90.2		
56.	4.2	66.	11.7	76.	31.0	86.	59.0	96.	90.7		
.2	3.9	.2	12.1	.2	31.4	.2	59.7	.2	91.2		
.4	3.6	.4	12.4	.4	31.9	.4	60.1	.4	91.7		
.6	3.3	.6	12.8	.6	32.3	.6	61.1	.6	92.3		
.8	3.0	.8	13.1	.8	32.8	.8	61.8	.8	92.8		
57.	2.7	67.	13.5	77.	33.2	87.	62.5	97.	93.3		
.2	2.4	.2	13.9	.2	33.7	.2	63.2	.2	93.8		
.4	2.1	.4	14.2	.4	34.2	.4	63.9	.4	94.3		
.6	1.9	.6	14.6	.6	34.6	.6	64.6	.6	94.9		
.8	1.6	.8	14.9	.8	35.1	.8	65.3	.8	95.4		
58.	1.3	68.	15.3	78.	35.6	88.	66.0	98.	95.9		
.2	1.0	.2	15.7	.2	36.1	.2	66.7	.2	96.4		
.4	.7	.4	16.0	.4	36.6	.4	67.4	.4	96.8		
.6	.3	.6	16.4	.6	37.1	.6	68.0	.6	97.3		
.8		.8	16.7	.8	37.6	.8	68.7	.8	97.7		
59.	.3	69.	17.1	79.	38.1	89.	69.4	99.	98.2		
.2	.6	.2	17.5	.2	38.6	.2	70.1	.2	98.7		
.4	.9	.4	17.8	.4	39.1	.4	70.8	.4	99.1		
.6	1.3	.6	18.2	.6	39.6	.6	71.4	.6	99.6		
.8	1.6	.8	18.5	.8	40.1	.8	72.1	.8	100.0		
60.	1.9	70.	18.9	80.	40.6	90.	72.8	100.	—		

TEMPERATURE 61°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & D vs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	66.8	10.	58.0	20.	48.4	30.	37.7	40.	25.7
.2	66.6	.2	57.8	.2	48.2	.2	37.5	.2	25.5
.4	66.4	.4	57.6	.4	48.0	.4	37.3	.4	25.2
.6	66.3	.6	57.5	.6	47.8	.6	37.0	.6	25.0
.8	66.1	.8	57.3	.8	47.6	.8	36.8	.8	24.7
1.	65.9	11.	57.1	21.	47.4	31.	36.6	41.	24.5
.2	65.7	.2	56.9	.2	47.2	.2	36.4	.2	24.2
.4	65.6	.4	56.7	.4	47.0	.4	36.1	.4	24.0
.6	65.4	.6	56.6	.6	46.8	.6	35.9	.6	23.7
.8	65.3	.8	56.4	.8	46.6	.8	35.6	.8	23.5
2.	65.1	12.	56.2	22.	46.4	32.	35.4	42.	23.2
.2	64.9	.2	56.0	.2	46.2	.2	35.2	.2	22.9
.4	64.7	.4	55.8	.4	46.0	.4	34.9	.4	22.7
.6	64.6	.6	55.7	.6	45.8	.6	34.7	.6	22.4
.8	64.4	.8	55.5	.8	45.6	.8	34.4	.8	22.2
3.	64.2	12.	55.3	23.	45.4	33.	34.2	43.	21.9
.2	64.0	.2	55.1	.2	45.2	.2	34.0	.2	21.6
.4	63.9	.4	54.9	.4	45.0	.4	33.8	.4	21.4
.6	63.7	.6	54.7	.6	44.7	.6	33.5	.6	21.1
.8	63.6	.8	54.5	.8	44.6	.8	33.3	.8	20.9
4.	63.4	14.	54.3	24.	44.3	34.	33.1	44.	20.6
.2	63.2	.2	54.1	.2	44.1	.2	32.9	.2	20.3
.4	63.0	.4	53.9	.4	43.9	.4	32.6	.4	20.1
.6	62.9	.6	53.8	.6	43.6	.6	32.4	.6	19.8
.8	62.7	.8	53.6	.8	43.4	.8	32.1	.8	19.6
5.	62.5	15.	53.4	25.	43.2	35.	31.9	45.	19.3
.2	62.3	.2	53.2	.2	43.0	.2	31.7	.2	19.0
.4	62.1	.4	53.0	.4	42.8	.4	31.4	.4	18.8
.6	62.0	.6	52.8	.6	42.5	.6	31.2	.6	18.5
.8	61.8	.8	52.6	.8	42.3	.8	30.9	.8	18.3
6.	61.6	16.	52.4	26.	42.1	36.	30.7	46.	18.0
.2	61.4	.2	52.2	.2	41.9	.2	30.4	.2	17.7
.4	61.2	.4	52.0	.4	41.7	.4	30.2	.4	17.4
.6	61.1	.6	51.8	.6	41.4	.6	29.9	.6	17.2
.8	60.9	.8	51.6	.8	41.2	.8	29.7	.8	16.9
7.	60.7	17.	51.4	27.	41.0	37.	29.4	47.	16.6
.2	60.5	.2	51.2	.2	40.8	.2	29.2	.2	16.3
.4	60.3	.4	51.0	.4	40.6	.4	28.9	.4	16.0
.6	60.2	.6	50.8	.6	40.4	.6	28.7	.6	15.8
.8	60.0	.8	50.6	.8	40.2	.8	28.4	.8	15.5
8.	59.8	18.	50.4	28.	40.0	38.	28.2	48.	15.2
.2	59.6	.2	50.2	.2	39.8	.2	28.0	.2	14.9
.4	59.4	.4	50.0	.4	39.5	.4	27.7	.4	14.7
.6	59.3	.6	49.8	.6	39.3	.6	27.5	.6	14.4
.8	59.1	.8	49.6	.8	39.0	.8	27.2	.8	14.2
9.	58.9	19.	49.4	29.	38.8	39.	27.0	49.	13.9
.2	58.7	.2	49.2	.2	38.6	.2	26.7	.2	13.6
.4	58.5	.4	49.0	.4	38.4	.4	26.5	.4	13.3
.6	58.4	.6	48.8	.6	38.1	.6	26.2	.6	13.1
.8	58.2	.8	48.6	.8	37.9	.8	26.0	.8	12.8
10.	58.0	20.	48.4	39.	37.7	40.	25.7	50.	12.5

TEMPERATURE 61°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	12.5	60.	2.2	70.	19.3	80.	41.0	90.	78.0
.2	12.2	.2	2.5	.2	19.7	.2	41.5	.2	78.7
.4	11.9	.4	2.8	.4	20.1	.4	42.1	.4	79.3
.6	11.6	.6	3.2	.6	20.4	.6	42.6	.6	79.9
.8	11.3	.8	3.5	.8	20.8	.8	43.2	.8	80.5
51.	11.0	61.	3.8	71.	21.2	81.	43.7	91.	76.3
.2	10.7	.2	4.1	.2	21.6	.2	44.3	.2	76.9
.4	10.4	.4	4.4	.4	22.0	.4	44.9	.4	77.5
.6	10.2	.6	4.8	.6	22.3	.6	45.4	.6	78.2
.8	9.9	.8	5.1	.8	22.7	.8	46.0	.8	78.8
52.	9.6	62.	5.4	72.	23.1	82.	46.6	92.	79.4
.2	9.3	.2	5.7	.2	23.5	.2	47.2	.2	80.0
.4	9.0	.4	6.1	.4	23.9	.4	47.8	.4	80.6
.6	8.8	.6	6.4	.6	24.3	.6	48.4	.6	81.2
.8	8.5	.8	6.8	.8	24.7	.8	49.0	.8	81.8
53.	8.2	63.	7.1	73.	25.1	83.	49.6	93.	82.4
.2	7.9	.2	7.4	.2	25.5	.2	50.2	.2	83.0
.4	7.6	.4	7.7	.4	25.9	.4	50.8	.4	83.6
.6	7.4	.6	8.1	.6	26.3	.6	51.4	.6	84.1
.8	7.1	.8	8.4	.8	26.7	.8	52.0	.8	84.7
54.	6.8	64.	8.7	74.	27.1	84.	52.6	94.	85.3
.2	6.5	.2	9.0	.2	27.5	.2	53.3	.2	85.9
.4	6.2	.4	9.4	.4	27.9	.4	53.9	.4	86.5
.6	5.9	.6	9.7	.6	28.4	.6	54.6	.6	87.0
.8	5.6	.8	10.1	.8	28.8	.8	55.2	.8	87.6
55.	5.3	65.	10.4	75.	29.2	85.	55.9	95.	88.2
.2	5.0	.2	10.7	.2	29.6	.2	56.6	.2	88.7
.4	4.7	.4	11.1	.4	30.1	.4	57.3	.4	89.2
.6	4.4	.6	11.4	.6	30.5	.6	57.9	.6	89.8
.8	4.1	.8	11.8	.8	31.0	.8	58.6	.8	90.3
56.	3.8	66.	12.1	76.	31.4	86.	59.3	96.	90.8
.2	3.5	.2	12.5	.2	31.8	.2	60.0	.2	91.3
.4	3.2	.4	12.8	.4	32.3	.4	60.7	.4	91.8
.6	3.0	.6	13.2	.6	32.7	.6	61.4	.6	92.4
.8	2.7	.8	13.5	.8	33.2	.8	62.1	.8	92.9
57.	2.4	67.	13.9	77.	33.6	87.	62.8	97.	93.4
.2	2.1	.2	14.2	.2	34.1	.2	63.5	.2	93.9
.4	1.8	.4	14.6	.4	34.6	.4	64.2	.4	94.4
.6	1.5	.6	14.9	.6	35.0	.6	64.8	.6	94.9
.8	1.2	.8	15.3	.8	35.5	.8	65.5	.8	95.4
58.	.9	68.	15.6	78.	36.0	88.	66.2	98.	95.9
.2	.6	.2	16.0	.2	36.5	.2	66.9	.2	96.4
.4	.3	.4	16.3	.4	37.0	.4	67.6	.4	96.9
.6	.1	.6	16.7	.6	37.5	.6	68.2	.6	97.3
.8	.4	.8	17.0	.8	38.0	.8	68.9	.8	97.8
59.	.7	69.	17.4	79.	38.5	89.	69.6	99.	98.3
.2	1.0	.2	17.8	.2	39.0	.2	70.3	.2	98.8
.4	1.3	.4	18.2	.4	39.5	.4	71.0	.4	99.2
.6	1.6	.6	18.5	.6	40.0	.6	71.6	.6	99.7
.8	1.9	.8	18.9	.8	40.5	.8	72.3	.8	—
60.	2.2	70.	19.3	80.	41.0	90.	73.0	100.	—

TEMPERATURE 62°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	66.5	10.	57.8	20.	48.1	30.	37.4	40.	25.4
.2	66.3	.2	57.6	.2	47.9	.2	37.2	.2	25.2
.4	66.1	.4	57.4	.4	47.7	.4	36.9	.4	24.9
.6	66.0	.6	57.2	.6	47.5	.6	36.7	.6	24.7
.8	65.8	.8	57.0	.8	47.3	.8	36.4	.8	24.4
1.	65.6	11.	56.8	21.	47.1	31.	36.2	41.	24.2
.2	65.4	.2	56.6	.2	46.9	.2	36.0	.2	23.9
.4	65.3	.4	56.4	.4	46.7	.4	35.8	.4	23.7
.6	65.1	.6	56.3	.6	46.5	.6	35.5	.6	23.4
.8	65.0	.8	56.1	.8	46.3	.8	35.3	.8	23.2
2.	64.8	12.	55.9	22.	46.1	32.	35.1	42.	22.9
.2	64.6	.2	55.7	.2	45.9	.2	34.9	.2	22.6
.4	64.4	.4	55.6	.4	45.7	.4	34.6	.4	22.4
.6	64.3	.6	55.4	.6	45.5	.6	34.4	.6	22.1
.8	64.1	.8	55.2	.8	45.3	.8	34.1	.8	21.9
3.	63.9	13.	55.0	23.	45.1	33.	33.9	43.	21.6
.2	63.7	.2	54.8	.2	44.9	.2	33.7	.2	21.3
.4	63.6	.4	54.6	.4	44.7	.4	33.5	.4	21.1
.6	63.4	.6	54.4	.6	44.4	.6	33.2	.6	20.8
.8	63.3	.8	54.2	.8	44.2	.8	33.0	.8	20.6
4.	63.1	14.	54.0	24.	44.0	34.	32.8	44.	20.3
.2	62.9	.2	53.8	.2	43.8	.2	32.6	.2	20.0
.4	62.8	.4	53.6	.4	43.6	.4	32.3	.4	19.8
.6	62.6	.6	53.5	.6	43.3	.6	32.1	.6	19.5
.8	62.5	.8	53.3	.8	43.1	.8	31.8	.8	19.3
5.	62.3	15.	53.1	25.	42.9	35.	31.6	45.	19.0
.2	62.1	.2	52.9	.2	42.7	.2	31.4	.2	18.7
.4	61.9	.4	52.7	.4	42.5	.4	31.1	.4	18.4
.6	61.8	.6	52.5	.6	42.2	.6	30.9	.6	18.2
.8	61.6	.8	52.3	.8	42.0	.8	30.6	.8	17.9
6.	61.4	16.	52.1	26.	41.8	36.	30.4	46.	17.6
.2	61.2	.2	51.9	.2	41.6	.2	30.1	.2	17.3
.4	61.0	.4	51.7	.4	41.4	.4	29.9	.4	17.1
.6	60.9	.6	51.5	.6	41.2	.6	29.6	.6	16.8
.8	60.7	.8	51.3	.8	41.0	.8	29.4	.8	16.6
7.	60.5	17.	51.1	27.	40.8	37.	29.1	47.	16.3
.2	60.3	.2	50.9	.2	40.6	.2	28.9	.2	16.0
.4	60.1	.4	50.7	.4	40.4	.4	28.6	.4	15.7
.6	60.0	.6	50.5	.6	40.1	.6	28.4	.6	15.5
.8	59.8	.8	50.3	.8	39.9	.8	28.1	.8	15.2
8.	59.6	18.	50.1	28.	39.7	38.	27.9	48.	14.9
.2	59.4	.2	49.9	.2	39.5	.2	27.7	.2	14.6
.4	59.2	.4	49.7	.4	39.2	.4	27.4	.4	14.3
.6	59.1	.6	49.5	.6	39.0	.6	27.2	.6	14.1
.8	58.9	.8	49.3	.8	38.7	.8	26.9	.8	13.8
9.	58.7	19.	49.1	29.	38.5	39.	26.7	49.	13.5
.2	58.5	.2	48.9	.2	38.3	.2	26.4	.2	13.2
.4	58.3	.4	48.7	.4	38.1	.4	26.2	.4	12.9
.6	58.2	.6	48.5	.6	37.8	.6	25.9	.6	12.7
.8	58.0	.8	48.3	.8	37.6	.8	25.7	.8	12.4
10.	57.8	20.	48.1	30.	37.4	40.	25.4	50.	12.1

TEMPERATURE 62°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	12.1	60.	2.6	70.	19.7	80.	41.5	90.	73.3
.2	11.8	.2	2.9	.2	20.1	.2	42.0	.2	73.9
.4	11.5	.4	3.2	.4	20.5	.4	42.6	.4	74.5
.6	11.3	.6	3.5	.6	20.8	.6	43.1	.6	75.2
.8	11.0	.8	3.8	.8	21.2	.8	43.7	.8	75.5
51.	10.7	61.	4.1	71.	21.6	81.	44.2	91.	76.4
.2	10.1	.2	4.4	.2	22.0	.2	44.8	.2	77.0
.4	10.1	.4	4.8	.4	22.1	.4	45.3	.4	77.6
.6	9.9	.6	5.1	.6	22.7	.6	45.9	.6	78.3
.8	9.6	.8	5.5	.8	23.1	.8	46.4	.8	78.9
52.	9.3	62.	5.8	72.	23.1	82.	47.0	92.	79.5
.2	9.0	.2	6.1	.2	23.9	.2	47.0	.2	80.1
.4	8.7	.4	6.4	.4	24.3	.4	48.2	.4	80.7
.6	8.5	.6	6.8	.6	24.7	.6	48.8	.6	81.4
.8	8.2	.8	7.1	.8	25.1	.8	49.4	.8	82.0
53.	7.9	63.	7.4	73.	25.5	83.	50.0	93.	82.0
.2	7.6	.2	7.7	.2	25.9	.2	50.6	.2	82.2
.4	7.3	.4	8.1	.4	26.3	.4	51.2	.4	82.8
.6	7.1	.6	8.4	.6	26.7	.6	51.8	.6	83.3
.8	6.8	.8	8.8	.8	27.1	.8	52.4	.8	84.0
54.	6.5	64.	9.1	74.	27.5	84.	53.0	94.	85.5
.2	6.2	.2	9.4	.2	27.9	.2	53.6	.2	86.1
.4	5.9	.4	9.8	.4	28.3	.4	54.3	.4	86.0
.6	5.6	.6	10.1	.6	28.8	.6	54.9	.6	87.2
.8	5.3	.8	10.5	.8	29.2	.8	55.6	.8	87.7
55.	5.0	65.	10.8	75.	29.6	85.	56.2	95.	88.3
.2	4.7	.2	11.1	.2	30.0	.2	56.9	.2	88.8
.4	4.4	.4	11.5	.4	30.5	.4	57.6	.4	89.4
.6	4.1	.6	11.8	.6	30.9	.6	58.2	.6	89.9
.8	3.8	.8	12.2	.8	31.4	.8	58.9	.8	90.5
56.	3.5	66.	12.5	76.	31.8	86.	59.6	96.	91.0
.2	3.2	.2	12.8	.2	32.2	.2	60.3	.2	91.5
.4	2.9	.4	13.2	.4	32.7	.4	61.0	.4	92.0
.6	2.6	.6	13.5	.6	33.1	.6	61.7	.6	92.5
.8	2.3	.8	13.9	.8	33.6	.8	62.4	.8	93.0
57.	2.0	67.	14.2	77.	34.0	87.	63.1	97.	93.5
.2	1.7	.2	14.6	.2	34.5	.2	63.8	.2	94.0
.4	1.4	.4	14.9	.4	35.0	.4	64.5	.4	94.5
.6	1.1	.6	15.3	.6	35.5	.6	65.1	.6	95.0
.8	.8	.8	15.6	.8	36.0	.8	65.8	.8	95.5
58.	.6	68.	16.0	78.	36.5	88.	66.5	98.	96.0
.2	.2	.2	16.4	.2	37.0	.2	67.2	.2	96.5
.4	.1	.4	16.7	.4	37.5	.4	67.9	.4	97.0
.6	.5	.6	17.1	.6	37.9	.6	68.5	.6	97.4
.8	.8	.8	17.4	.8	38.4	.8	69.2	.8	97.9
59.	1.1	69.	17.8	79.	38.9	89.	69.9	99.	98.4
.2	1.4	.2	18.2	.2	39.4	.2	70.6	.2	98.9
.4	1.7	.4	18.6	.4	39.9	.4	71.3	.4	99.3
.6	2.0	.6	18.9	.6	40.5	.6	71.9	.6	99.8
.8	2.3	.8	19.3	.8	41.0	.8	72.6	.8	—
60.	2.6	70.	19.7	80.	41.5	90.	73.3	100.	—

TEMPERATURE 63°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	66.3	10.	57.5	20.	47.8	30.	37.1	40.	26.1
.2	66.1	.2	57.3	.2	47.6	.2	36.9	.2	24.8
.4	65.9	.4	57.1	.4	47.4	.4	36.7	.4	24.6
.6	65.8	.6	57.0	.6	47.2	.6	36.4	.6	21.3
.8	65.6	.8	56.8	.8	47.0	.8	36.2	.8	24.1
1.	65.4	11.	56.6	21.	46.8	31.	36.0	41.	23.8
.2	65.2	.2	56.4	.2	46.6	.2	35.8	.2	23.6
.4	65.0	.4	56.2	.4	46.4	.4	35.5	.4	23.3
.6	64.9	.6	56.0	.6	46.2	.6	35.3	.6	23.1
.8	64.7	.8	55.8	.8	46.0	.8	35.0	.8	22.8
2.	64.5	12.	55.6	22.	45.8	32.	34.8	42.	22.6
.2	64.3	.2	55.4	.2	45.6	.2	34.6	.2	22.3
.4	64.2	.4	55.2	.4	45.4	.4	34.3	.4	22.1
.6	64.0	.6	55.1	.6	45.2	.6	34.1	.6	21.8
.8	63.9	.8	54.9	.8	45.0	.8	33.8	.8	21.6
3.	63.7	13.	54.7	23.	44.8	33.	33.6	43.	21.3
.2	63.5	.2	54.5	.2	44.6	.2	33.4	.2	21.0
.4	63.4	.4	54.3	.4	44.4	.4	33.2	.4	20.8
.6	63.2	.6	54.2	.6	44.1	.6	32.9	.6	20.5
.8	63.1	.8	54.0	.8	43.9	.8	32.7	.8	20.3
4.	62.9	14.	53.5	24.	43.7	34.	32.5	44.	20.0
.2	62.7	.2	53.6	.2	43.5	.2	32.3	.2	19.7
.4	62.5	.4	53.4	.4	43.3	.4	32.0	.4	19.5
.6	62.4	.6	53.2	.6	43.0	.6	31.8	.6	19.2
.8	62.2	.8	53.0	.8	42.8	.8	31.5	.8	19.0
5.	62.0	15.	52.8	25.	42.6	35.	31.3	45.	18.7
.2	61.8	.2	52.6	.2	42.4	.2	31.1	.2	18.4
.4	61.6	.4	52.4	.4	42.2	.4	30.8	.4	18.1
.6	61.5	.6	52.3	.6	42.0	.6	30.6	.6	17.9
.8	61.3	.8	52.1	.8	41.8	.8	30.3	.8	17.6
6.	61.1	16.	51.9	26.	41.6	36.	30.1	46.	17.3
.2	60.9	.2	51.7	.2	41.4	.2	29.8	.2	17.0
.4	60.7	.4	51.5	.4	41.2	.4	29.6	.4	16.7
.6	60.6	.6	51.3	.6	40.9	.6	29.3	.6	16.5
.8	60.4	.8	51.1	.8	40.7	.8	29.1	.8	16.2
7.	60.2	17.	50.9	27.	40.5	37.	28.8	47.	15.9
.2	60.0	.2	50.7	.2	40.3	.2	28.6	.2	15.6
.4	59.8	.4	50.5	.4	40.1	.4	28.3	.4	15.4
.6	59.7	.6	50.3	.6	39.8	.6	28.1	.6	15.1
.8	59.5	.8	50.1	.8	39.6	.8	27.8	.8	14.9
8.	59.3	18.	49.9	28.	39.4	38.	27.6	48.	14.6
.2	59.1	.2	49.7	.2	39.2	.2	27.3	.2	14.3
.4	59.0	.4	49.5	.4	38.9	.4	27.1	.4	14.0
.6	58.8	.6	49.3	.6	38.7	.6	26.8	.6	13.8
.8	58.7	.8	49.1	.8	38.4	.8	26.6	.8	13.5
9.	58.5	19.	48.9	29.	38.2	39.	26.3	49.	13.2
.2	58.3	.2	48.7	.2	38.0	.2	26.1	.2	12.9
.4	58.1	.4	48.5	.4	37.8	.4	25.8	.4	12.6
.6	57.9	.6	48.2	.6	37.5	.6	25.6	.6	12.4
.8	57.7	.8	48.0	.8	37.3	.8	25.3	.8	12.1
10.	57.5	20.	47.8	30.	37.1	40.	25.1	50.	11.8

TEMPERATURE 63°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	11.8	60.	3.0	70.	20.1	80.	41.9	90.	73.5
.2	11.5	.2	3.3	.2	20.5	.2	42.5	.2	74.1
.4	11.2	.4	3.6	.4	20.9	.4	43.0	.4	74.7
.6	11.0	.6	3.9	.6	21.2	.6	43.6	.6	75.4
.8	10.7	.8	4.2	.8	21.6	.8	44.1	.8	76.0
51.	10.4	61.	4.5	71.	22.0	81.	44.7	91.	76.6
.2	10.1	.2	4.8	.2	22.4	.2	45.3	.2	77.2
.4	9.8	.4	5.2	.4	22.8	.4	45.8	.4	77.8
.6	9.6	.6	5.5	.6	23.1	.6	46.4	.6	78.5
.8	9.3	.8	5.9	.8	23.5	.8	46.9	.8	79.1
52.	9.0	62.	6.2	72.	23.9	82.	47.5	92.	79.7
.2	8.7	.2	6.5	.2	24.3	.2	48.1	.2	80.3
.4	8.4	.4	6.8	.4	24.7	.4	48.7	.4	80.9
.6	8.1	.6	7.2	.6	25.1	.6	49.2	.6	81.5
.8	7.8	.8	7.5	.8	25.5	.8	49.8	.8	82.1
53.	7.6	63.	7.8	73.	25.9	83.	50.4	93.	82.7
.2	7.2	.2	8.1	.2	26.3	.2	51.0	.2	83.3
.4	6.9	.4	8.5	.4	26.7	.4	51.6	.4	83.9
.6	6.7	.6	8.8	.6	27.1	.6	52.2	.6	84.4
.8	6.4	.8	9.2	.8	27.5	.8	52.8	.8	85.0
54.	6.1	64.	9.5	74.	27.9	84.	53.4	94.	85.6
.2	5.8	.2	9.8	.2	28.3	.2	54.0	.2	86.2
.4	5.5	.4	10.2	.4	28.7	.4	54.7	.4	86.7
.6	5.3	.6	10.5	.6	29.2	.6	55.3	.6	87.3
.8	5.0	.8	10.9	.8	29.6	.8	56.0	.8	87.8
55.	4.7	65.	11.2	75.	30.0	85.	56.6	95.	88.4
.2	4.4	.2	11.5	.2	30.4	.2	57.3	.2	88.9
.4	4.1	.4	11.9	.4	30.9	.4	58.0	.4	89.5
.6	3.8	.6	12.2	.6	31.3	.6	58.6	.6	90.0
.8	3.5	.8	12.6	.8	31.8	.8	59.3	.8	90.6
56.	3.2	66.	12.9	76.	32.2	86.	60.0	96.	91.1
.2	2.9	.2	13.2	.2	32.7	.2	60.7	.2	91.6
.4	2.6	.4	13.6	.4	33.1	.4	61.4	.4	92.1
.6	2.3	.6	13.9	.6	33.6	.6	62.0	.6	92.6
.8	2.0	.8	14.3	.8	34.0	.8	62.7	.8	93.1
57.	1.7	67.	14.6	77.	34.5	87.	63.4	97.	93.6
.2	1.4	.2	15.0	.2	35.0	.2	64.1	.2	94.1
.4	1.1	.4	15.3	.4	35.5	.4	64.7	.4	94.6
.6	.8	.6	15.7	.6	35.9	.6	65.4	.6	95.1
.8	.5	.8	16.0	.8	36.4	.8	66.0	.8	95.6
58.	.2	68.	16.4	78.	36.9	88.	66.7	98.	96.1
.2	.1	.2	16.8	.2	37.4	.2	67.4	.2	96.6
.4	.4	.4	17.1	.4	37.9	.4	68.1	.4	97.1
.6	.8	.6	17.5	.6	38.3	.6	68.7	.6	97.5
.8	1.1	.8	17.8	.8	38.8	.8	69.4	.8	98.0
59.	1.4	69.	18.2	79.	39.3	89.	70.1	99.	98.5
.2	1.7	.2	18.6	.2	39.8	.2	70.8	.2	99.0
.4	2.0	.4	19.0	.4	40.3	.4	71.5	.4	99.4
.6	2.4	.6	19.3	.6	40.9	.6	72.1	.6	99.9
.8	2.7	.8	19.7	.8	41.4	.8	72.6	.8	—
60.	3.0	70.	20.1	80.	41.9	90.	73.5	100.	—

TEMPERATURE 64°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	66.1	10.	57.3	20.	47.5	30.	36.8	40.	24.8
.2	65.9	.2	57.1	.2	47.3	.2	36.6	.2	24.5
.4	65.7	.4	56.9	.4	47.1	.4	36.4	.4	24.3
.6	65.6	.6	56.8	.6	46.0	.6	36.1	.6	24.0
.8	65.4	.8	56.6	.8	46.7	.8	35.9	.8	23.8
1.	65.2	11.	56.4	21.	46.5	31.	35.7	41.	23.5
.2	65.0	.2	56.2	.2	46.3	.2	35.5	.2	23.2
.4	64.8	.4	56.0	.4	46.1	.4	35.2	.4	23.0
.6	64.7	.6	55.8	.6	45.9	.6	35.0	.6	22.7
.8	64.5	.8	55.6	.8	45.7	.8	34.7	.8	22.5
2.	64.3	12.	55.4	22.	45.5	32.	34.5	42.	22.2
.2	64.1	.2	55.2	.2	45.3	.2	34.3	.2	22.0
.4	64.0	.4	55.0	.4	45.1	.4	34.1	.4	21.7
.6	63.8	.6	54.9	.6	44.9	.6	33.9	.6	21.5
.8	63.7	.8	54.7	.8	44.7	.8	33.6	.8	21.2
3.	63.5	13.	54.5	23.	44.5	33.	33.4	43.	21.0
.2	63.3	.2	54.3	.2	44.3	.2	33.2	.2	20.7
.4	63.2	.4	54.1	.4	44.1	.4	32.9	.4	20.5
.6	63.0	.6	54.0	.6	43.8	.6	32.7	.6	20.2
.8	62.9	.8	53.8	.8	43.6	.8	32.4	.8	20.0
4.	62.7	14.	53.6	24.	43.4	34.	32.2	44.	19.7
.2	62.5	.2	53.4	.2	43.2	.2	32.0	.2	19.4
.4	62.3	.4	53.2	.4	43.0	.4	31.7	.4	19.2
.6	62.2	.6	53.0	.6	42.7	.6	31.5	.6	18.9
.8	62.0	.8	52.8	.8	42.5	.8	31.2	.8	18.7
5.	61.8	15.	52.6	25.	42.3	35.	31.0	45.	18.4
.2	61.6	.2	52.4	.2	42.1	.2	30.7	.2	18.1
.4	61.1	.4	52.2	.4	41.9	.4	30.5	.4	17.8
.6	61.3	.6	52.0	.6	41.6	.6	30.2	.6	17.6
.8	61.1	.8	51.8	.8	41.4	.8	30.0	.8	17.3
6.	60.9	16.	51.6	26.	41.2	36.	29.7	46.	17.0
.2	60.7	.2	51.4	.2	41.0	.2	29.5	.2	16.7
.4	60.5	.4	51.2	.4	40.8	.4	29.2	.4	16.4
.6	60.4	.6	51.0	.6	40.6	.6	29.0	.6	16.2
.8	60.2	.8	50.8	.8	40.4	.8	28.7	.8	15.9
7.	60.0	17.	50.6	27.	40.2	37.	28.5	47.	15.6
.2	59.8	.2	50.4	.2	40.0	.2	28.3	.2	15.3
.4	59.6	.4	50.2	.4	39.7	.4	28.0	.4	15.0
.6	59.5	.6	50.0	.6	39.5	.6	27.8	.6	14.8
.8	59.3	.8	49.8	.8	39.2	.8	27.5	.8	14.5
8.	59.1	18.	49.6	28.	39.0	38.	27.3	48.	14.2
.2	58.9	.2	49.4	.2	38.8	.2	27.0	.2	13.9
.4	58.7	.4	49.2	.4	38.6	.4	26.8	.4	13.6
.6	58.6	.6	49.0	.6	38.3	.6	26.5	.6	13.4
.8	58.4	.8	48.8	.8	38.1	.8	26.3	.8	13.1
9.	58.2	19.	48.6	29.	37.9	39.	26.0	49.	12.8
.2	58.0	.2	48.4	.2	37.7	.2	25.8	.2	12.5
.4	57.8	.4	48.2	.4	37.5	.4	25.5	.4	12.2
.6	57.7	.6	47.9	.6	37.2	.6	25.2	.6	12.0
.8	57.5	.8	47.7	.8	37.0	.8	25.0	.8	11.7
10.	57.3	20.	47.5	30.	36.8	40.	24.8	50.	11.4

TEMPERATURE 64°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	11.4	60.	3.3	70.	20.5	80.	42.4	90.	75.7		
.2	11.1	.3	3.6	.2	20.9	.3	42.9	.3	74.3		
.4	10.8	.4	3.9	.4	21.3	.4	43.5	.4	74.0		
.6	10.6	.6	4.3	.6	21.6	.6	44.0	.6	75.6		
.8	10.3	.8	4.6	.8	22.0	.8	44.6	.8	76.2		
51.	10.0	61.	4.9	71.	22.4	81.	45.1	91.	76.3		
.2	9.7	.2	5.2	.2	22.8	.2	45.7	.2	77.4		
.4	9.5	.4	5.5	.4	23.2	.4	46.3	.4	78.0		
.6	9.2	.6	5.9	.6	23.5	.6	46.8	.6	78.7		
.8	9.0	.8	6.2	.8	23.9	.8	47.4	.8	79.3		
52.	8.7	62.	6.5	72.	24.3	82.	48.0	92.	79.9		
.2	8.4	.2	6.8	.2	24.7	.2	48.6	.2	80.5		
.4	8.1	.4	7.1	.4	25.1	.4	49.2	.4	81.1		
.6	7.8	.6	7.5	.6	25.5	.6	49.7	.6	81.7		
.8	7.5	.8	7.8	.8	25.9	.8	50.3	.8	82.3		
53.	7.2	63.	8.1	73.	26.3	83.	50.9	93.	82.9		
.2	6.9	.2	8.4	.2	26.7	.2	51.5	.2	83.5		
.4	6.6	.4	8.8	.4	27.1	.4	52.1	.4	84.0		
.6	6.3	.6	9.1	.6	27.5	.6	52.6	.6	84.6		
.8	6.0	.8	9.5	.8	27.9	.8	53.2	.8	85.1		
54.	5.7	64.	9.8	74.	28.3	84.	53.8	94.	85.7		
.2	5.4	.2	10.1	.2	28.7	.2	54.4	.2	86.3		
.4	5.1	.4	10.5	.4	29.1	.4	55.1	.4	86.8		
.6	4.9	.6	10.8	.6	29.6	.6	55.7	.6	87.4		
.8	4.6	.8	11.2	.8	30.0	.8	56.4	.8	87.9		
55.	4.3	65.	11.5	75.	30.4	85.	57.0	95.	88.5		
.2	4.0	.2	11.8	.2	30.8	.2	57.7	.2	89.0		
.4	3.7	.4	12.2	.4	31.3	.4	58.3	.4	89.6		
.6	3.4	.6	12.5	.6	31.7	.6	59.0	.6	90.1		
.8	3.1	.8	12.9	.8	32.2	.8	59.6	.8	90.7		
56.	2.8	66.	13.2	76.	32.6	86.	60.3	96.	91.2		
.2	2.5	.2	13.5	.2	33.1	.2	61.0	.2	91.7		
.4	2.2	.4	13.9	.4	33.5	.4	61.7	.4	92.2		
.6	1.9	.6	14.2	.6	34.0	.6	62.3	.6	92.7		
.8	1.6	.8	14.6	.8	34.4	.8	63.0	.8	93.2		
57.	1.3	67.	14.9	77.	34.9	87.	63.7	97.	93.7		
.2	1.0	.2	15.3	.2	35.4	.2	64.4	.2	94.2		
.4	.7	.4	15.7	.4	35.9	.4	65.0	.4	94.7		
.6	.4	.6	16.0	.6	36.3	.6	65.7	.6	95.2		
.8	.1	.8	16.4	.8	36.8	.8	66.3	.8	95.7		
58.		68.	16.8	78.	37.3	88.	67.0	98.	96.2		
.2	.5	.2	17.2	.2	37.8	.2	67.7	.2	96.7		
.4	.8	.4	17.5	.4	38.3	.4	68.3	.4	97.2		
.6	1.1	.6	17.9	.6	38.8	.6	69.0	.6	97.6		
.8	1.4	.8	18.2	.8	39.3	.8	69.6	.8	98.1		
59.	1.7	69.	18.6	79.	39.8	89.	70.3	99.	98.6		
.2	2.0	.2	19.0	.2	40.3	.2	71.0	.2	99.1		
.4	2.3	.4	19.4	.4	40.8	.4	71.7	.4	99.5		
.6	2.7	.6	19.7	.6	41.4	.6	72.3	.6	100.0		
.8	3.0	.8	20.1	.8	41.9	.8	73.0	.8	—		
60.	3.3	70.	20.5	80.	42.4	90.	73.7	100.	—		

TEMPERATURE 65°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	65.8	10.	57.0	20.	47.3	30.	36.5	40.	24.5
.2	65.6	.2	56.8	.2	47.1	.2	36.3	.2	24.2
.4	65.4	.4	56.6	.4	46.9	.4	36.0	.4	24.0
.6	65.3	.6	56.5	.6	46.7	.6	35.8	.6	23.7
.8	65.1	.8	56.3	.8	46.5	.8	35.5	.8	23.6
1.	64.9	11.	56.1	21.	46.3	31.	35.3	41.	23.2
.2	64.7	.2	55.9	.2	46.1	.2	35.1	.2	22.9
.4	64.6	.4	55.7	.4	45.9	.4	34.9	.4	22.7
.6	64.4	.6	55.5	.6	45.7	.6	34.6	.6	22.4
.8	64.3	.8	55.3	.8	45.5	.8	34.4	.8	22.2
2.	64.1	12.	55.1	22.	45.3	32.	34.2	42.	21.9
.2	63.9	.2	54.9	.2	45.1	.2	34.0	.2	21.6
.4	63.8	.4	54.7	.4	44.9	.4	33.7	.4	21.4
.6	63.6	.6	54.6	.6	44.6	.6	33.5	.6	21.1
.8	63.5	.8	54.4	.8	44.4	.8	33.2	.8	20.9
3.	63.3	13.	54.2	23.	44.2	33.	33.0	43.	20.6
.2	63.1	.2	54.0	.2	44.0	.2	32.8	.2	20.3
.4	62.9	.4	53.8	.4	43.8	.4	32.5	.4	20.1
.6	62.8	.6	53.7	.6	43.5	.6	32.3	.6	19.8
.8	62.6	.8	53.5	.8	43.3	.8	32.0	.8	19.6
4.	62.4	14.	53.3	24.	43.1	34.	31.8	44.	19.3
.2	62.2	.2	53.1	.2	42.9	.2	31.6	.2	19.0
.4	62.0	.4	52.9	.4	42.7	.4	31.3	.4	18.8
.6	61.9	.6	52.7	.6	42.4	.6	31.1	.6	18.5
.8	61.7	.8	52.5	.8	42.2	.8	30.8	.8	18.3
5.	61.5	15.	52.3	25.	42.0	35.	30.6	45.	18.0
.2	61.3	.2	52.1	.2	41.8	.2	30.4	.2	17.7
.4	61.1	.4	51.9	.4	41.6	.4	30.1	.4	17.4
.6	61.0	.6	51.7	.6	41.3	.6	29.9	.6	17.2
.8	60.8	.8	51.5	.8	41.1	.8	29.6	.8	16.9
6.	60.6	16.	51.3	26.	40.9	36.	29.4	46.	16.6
.2	60.4	.2	51.1	.2	40.7	.2	29.2	.2	16.3
.4	60.3	.4	50.9	.4	40.5	.4	28.9	.4	16.1
.6	60.1	.6	50.7	.6	40.3	.6	28.7	.6	15.8
.8	59.9	.8	50.5	.8	40.1	.8	28.4	.8	15.6
7.	59.7	17.	50.3	27.	39.9	37.	28.2	47.	15.3
.2	59.6	.2	50.1	.2	39.7	.2	28.0	.2	15.0
.4	59.3	.4	49.9	.4	39.4	.4	27.7	.4	14.7
.6	59.2	.6	49.7	.6	39.2	.6	27.5	.6	14.5
.8	59.0	.8	49.5	.8	38.9	.8	27.2	.8	14.2
8.	58.8	18.	49.3	28.	38.7	38.	27.0	48.	13.9
.2	58.6	.2	49.1	.2	38.5	.2	26.7	.2	13.6
.4	58.4	.4	48.9	.4	38.3	.4	26.5	.4	13.3
.6	58.3	.6	48.7	.6	38.0	.6	26.2	.6	13.1
.8	58.1	.8	48.5	.8	37.8	.8	26.0	.8	12.8
9.	57.9	19.	48.3	29.	37.6	39.	25.7	49.	12.5
.2	57.7	.2	48.1	.2	37.4	.2	25.5	.2	12.2
.4	57.5	.4	47.9	.4	37.2	.4	25.2	.4	11.9
.6	57.4	.6	47.7	.6	36.9	.6	25.0	.6	11.7
.8	57.2	.8	47.5	.8	36.7	.8	24.7	.8	11.4
10.	57.0	20.	47.3	30.	36.5	40.	24.5	50.	11.1

TEMPERATURE 65°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
60.	11.1	60.	8.6	70.	20.0	80.	42.8	90.	73.0						
.2	10.8	.2	8.9	.2	21.3	.2	43.4	.2	74.5						
.4	10.5	.4	4.3	.4	21.7	.4	43.9	.4	75.1						
.6	10.3	.6	4.6	.6	22.0	.6	44.5	.6	75.8						
.8	10.0	.8	5.0	.8	22.4	.8	45.0	.8	76.4						
51.	9.7	61.	5.3	71.	22.8	81.	45.6	91.	77.0						
.2	9.4	.2	5.6	.2	23.2	.2	46.2	.2	77.6						
.4	9.1	.4	6.0	.4	23.6	.4	46.7	.4	78.2						
.6	8.9	.6	6.3	.6	23.9	.6	47.3	.6	78.8						
.8	8.6	.8	6.6	.8	24.3	.8	47.8	.8	79.4						
52.	8.3	62.	6.9	72.	24.7	82.	48.4	92.	80.0						
.2	8.0	.2	7.2	.2	25.1	.2	49.0	.2	80.6						
.4	7.7	.4	7.5	.4	25.5	.4	49.6	.4	81.2						
.6	7.5	.6	7.9	.6	25.9	.6	50.1	.6	81.8						
.8	7.2	.8	8.2	.8	26.3	.8	50.7	.8	82.4						
53.	6.9	63.	8.5	73.	26.7	83.	51.3	93.	83.0						
.2	6.6	.2	8.8	.2	27.1	.2	51.9	.2	83.6						
.4	6.3	.4	9.2	.4	27.5	.4	52.5	.4	84.2						
.6	6.0	.6	9.5	.6	27.9	.6	53.0	.6	84.7						
.8	5.7	.8	9.9	.8	28.3	.8	53.6	.8	85.3						
54.	5.4	64.	10.2	74.	28.7	84.	54.2	94.	85.9						
.2	5.1	.2	10.5	.2	29.1	.2	54.8	.2	86.4						
.4	4.8	.4	10.9	.4	29.5	.4	55.3	.4	87.0						
.6	4.5	.6	11.2	.6	30.0	.6	56.1	.6	87.5						
.8	4.2	.8	11.6	.8	30.4	.8	56.8	.8	88.1						
55.	3.9	65.	11.9	75.	30.8	85.	57.4	95.	88.6						
.2	3.6	.2	12.2	.2	31.2	.2	58.0	.2	89.2						
.4	3.3	.4	12.6	.4	31.7	.4	58.7	.4	89.7						
.6	3.1	.6	12.9	.6	32.1	.6	59.3	.6	90.3						
.8	2.8	.8	13.3	.8	32.6	.8	60.0	.8	90.8						
56.	2.5	66.	13.6	76.	33.0	86.	60.6	96.	91.3						
.2	2.2	.2	13.9	.2	33.5	.2	61.3	.2	91.8						
.4	1.9	.4	14.3	.4	34.0	.4	62.0	.4	92.3						
.6	1.6	.6	14.6	.6	34.4	.6	62.6	.6	92.8						
.8	1.3	.8	15.0	.8	34.9	.8	63.3	.8	93.3						
57.	1.0	67.	15.3	77.	35.4	87.	64.0	97.	93.8						
.2	.7	.2	15.7	.2	35.9	.2	64.7	.2	94.3						
.4	.4	.4	16.1	.4	36.4	.4	65.3	.4	94.8						
.6		.6	16.4	.6	36.8	.6	66.0	.6	95.3						
.8	.3	.8	16.8	.8	37.3	.8	66.6	.8	95.8						
58.	.6	68.	17.2	78.	37.8	88.	67.3	98.	96.3						
.2	.9	.2	17.0	.2	38.3	.2	68.0	.2	96.8						
.4	1.2	.4	17.9	.4	38.8	.4	68.6	.4	97.3						
.6	1.5	.6	18.3	.6	39.2	.6	69.3	.6	97.7						
.8	1.8	.8	18.6	.8	39.7	.8	69.9	.8	98.3						
59.	2.1	69.	19.0	79.	40.2	89.	70.6	99.	98.7						
.2	2.4	.2	19.4	.2	40.7	.2	71.3	.2	99.1						
.4	2.7	.4	19.8	.4	41.2	.4	71.9	.4	99.6						
.6	3.0	.6	20.1	.6	41.8	.6	72.6	.6	100.0						
.8	3.3	.8	20.5	.8	42.3	.8	73.3	.8	—						
60.	3.6	70.	20.9	80.	42.8	90.	73.9	100.	—						

TEMPERATURE 66°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	65.5	10.	56.7	20.	47.0	30.	36.2	40.	24.1
.2	65.3	.2	56.5	.2	46.8	.2	36.0	.2	23.8
.4	65.2	.4	56.3	.4	46.6	.4	35.7	.4	23.6
.6	65.0	.6	56.2	.6	46.4	.6	35.5	.6	23.3
.8	64.9	.8	56.0	.8	46.2	.8	35.2	.8	23.1
1.	64.7	11.	55.8	21.	46.0	31.	35.0	41.	22.8
.2	64.5	.2	55.6	.2	45.8	.2	34.8	.2	22.5
.4	64.3	.4	55.4	.4	45.6	.4	34.6	.4	22.3
.6	64.2	.6	55.3	.6	45.3	.6	34.3	.6	22.0
.8	64.0	.8	55.1	.8	45.1	.8	34.1	.8	21.8
2.	63.8	12.	54.9	22.	44.9	32.	33.9	42.	21.5
.2	63.6	.2	54.7	.2	44.7	.2	33.7	.2	21.2
.4	63.5	.4	54.5	.4	44.5	.4	33.4	.4	21.0
.6	63.3	.6	54.3	.6	44.3	.6	33.2	.6	20.7
.8	63.2	.8	54.1	.8	44.1	.8	32.9	.8	20.5
3.	63.0	13.	53.9	23.	43.9	33.	32.7	43.	20.2
.2	62.8	.2	53.7	.2	43.7	.2	32.5	.2	19.9
.4	62.6	.4	53.5	.4	43.5	.4	32.2	.4	19.7
.6	62.5	.6	53.4	.6	43.2	.6	32.0	.6	19.4
.8	62.3	.8	53.2	.8	43.0	.8	31.7	.8	19.2
4.	62.1	14.	53.0	24.	42.8	34.	31.5	44.	18.9
.2	61.9	.2	52.8	.2	42.6	.2	31.3	.2	18.6
.4	61.7	.4	52.6	.4	42.4	.4	31.0	.4	18.4
.6	61.6	.6	52.4	.6	42.2	.6	30.8	.6	18.1
.8	61.4	.8	52.2	.8	42.0	.8	30.5	.8	17.9
5.	61.2	15.	52.0	25.	41.8	35.	30.3	45.	17.6
.2	61.0	.2	51.8	.2	41.6	.2	30.1	.2	17.3
.4	60.9	.4	51.6	.4	41.4	.4	29.8	.4	17.1
.6	60.7	.6	51.4	.6	41.1	.6	29.6	.6	16.8
.8	60.6	.8	51.2	.8	40.9	.8	29.3	.8	16.6
6.	60.4	16.	51.0	26.	40.7	36.	29.1	46.	16.3
.2	60.2	.2	50.8	.2	40.5	.2	28.9	.2	16.0
.4	60.0	.4	50.6	.4	40.3	.4	28.6	.4	15.7
.6	59.9	.6	50.5	.6	40.0	.6	28.4	.6	15.5
.8	59.7	.8	50.3	.8	39.8	.8	28.1	.8	15.2
7.	59.5	17.	50.1	27.	39.6	37.	27.9	47.	14.9
.2	59.3	.2	49.9	.2	39.4	.2	27.6	.2	14.6
.4	59.1	.4	49.7	.4	39.1	.4	27.4	.4	14.3
.6	59.0	.6	49.5	.6	38.9	.6	27.1	.6	14.1
.8	58.8	.8	49.3	.8	38.6	.8	26.9	.8	13.8
8.	58.6	18.	49.1	28.	38.4	38.	26.6	48.	13.5
.2	58.4	.2	48.9	.2	38.2	.2	26.4	.2	13.2
.4	58.2	.4	48.7	.4	38.0	.4	26.1	.4	13.0
.6	58.0	.6	48.4	.6	37.7	.6	25.9	.6	12.7
.8	57.8	.8	48.2	.8	37.5	.8	25.6	.8	12.5
9.	57.6	19.	48.0	29.	37.3	39.	25.4	49.	12.2
.2	57.4	.2	47.8	.2	37.1	.2	25.1	.2	11.9
.4	57.2	.4	47.6	.4	36.9	.4	24.9	.4	11.6
.6	57.1	.6	47.4	.6	36.6	.6	24.6	.6	11.4
.8	56.9	.8	47.2	.8	36.4	.8	24.4	.8	11.1
10.	56.7	20.	47.0	30.	36.2	40.	24.1	50.	10.8

TEMPERATURE 66°.

Wts. & Divs. on Stem.	Per Cent. over Proof	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	10.8	60.	4.0	70.	21.3	80.	42.8	90.	74.1
.2	10.5	.9	4.3	.2	21.7	.2	43.0	.2	74.7
.4	10.2	.1	4.7	.4	22.1	.4	44.4	.4	75.3
.6	9.9	.6	5.0	.6	22.4	.6	45.0	.6	76.0
.8	9.6	.8	5.4	.8	22.8	.8	45.5	.8	76.6
51.	9.3	61.	5.7	71.	23.2	81.	46.1	91.	77.2
.2	9.0	.2	6.0	.2	23.6	.2	46.7	.2	77.8
.4	8.7	.4	6.3	.4	24.0	.4	47.2	.4	78.4
.6	8.5	.6	6.6	.6	24.3	0	47.8	.6	79.0
.8	8.2	.8	6.9	.8	24.7	.8	48.3	.8	79.6
52.	7.9	62.	7.2	72.	25.1	82.	48.9	92.	80.2
.2	7.6	.2	7.5	.2	25.5	.2	49.5	.2	80.8
.4	7.3	.4	7.9	.4	25.9	.4	50.0	.4	81.4
.6	7.1	.6	8.2	.6	26.3	.6	50.6	.6	82.0
.8	6.8	.8	8.6	.8	26.7	.8	51.1	.8	82.6
53.	6.5	63.	8.9	73.	27.1	83.	51.7	93.	83.2
.2	6.2	.2	9.2	.2	27.5	.2	52.3	.2	83.8
.4	5.9	.4	9.6	.4	27.9	.4	52.9	.4	84.3
.6	5.7	.6	9.9	.6	28.4	.6	53.4	.6	84.9
.8	5.4	.8	10.3	.8	28.8	.8	54.0	.8	85.4
54.	5.1	64.	10.6	74.	29.2	84.	54.6	94.	86.0
.2	4.8	.2	10.9	.2	29.6	.2	55.2	.2	86.6
.4	4.5	.4	11.3	.4	30.0	.4	55.8	.4	87.1
.6	4.2	.6	11.6	.6	30.5	.6	56.5	.6	87.7
.8	3.9	.8	12.0	.8	30.9	.8	57.1	.8	88.2
55.	3.6	65.	12.3	75.	31.3	85.	57.7	95.	88.8
.2	3.3	.2	12.6	.2	31.7	.2	58.3	.2	89.3
.4	3.0	.4	13.0	.4	32.2	.4	59.0	.4	89.8
.6	2.7	.6	13.3	.6	32.6	.6	59.6	.6	90.4
.8	2.4	.8	13.7	.8	33.1	.8	60.3	.8	90.9
56.	2.1	66.	14.0	76.	33.5	86.	60.9	96.	91.4
.2	1.8	.2	14.3	.2	34.0	.2	61.6	.2	91.9
.4	1.5	.4	14.7	.4	34.4	.4	62.3	.4	92.4
.6	1.2	.6	15.0	.6	34.9	.6	62.9	.6	93.0
.8	.9	.8	15.4	.8	35.3	.8	63.6	.8	93.5
57.	.6	67.	15.7	77.	35.8	87.	64.3	97.	94.0
.2	.3	.2	16.1	.2	36.3	.2	64.9	.2	94.5
.4		.4	16.5	.4	36.8	.4	65.6	.4	95.0
.6	.4	.6	16.8	.6	37.2	.6	66.2	.6	95.4
.8	.7	.8	17.2	.8	37.7	.8	66.9	.8	95.9
58.	1.0	68.	17.6	78.	38.2	88.	67.5	98.	96.4
.2	1.3	.2	18.0	.2	38.7	.2	68.2	.2	96.9
.4	1.6	.4	18.3	.4	39.2	.4	68.8	.4	97.4
.6	1.9	.6	18.7	.6	39.7	.6	69.5	.6	97.8
.8	2.2	.8	19.0	.8	40.2	.8	70.1	.8	98.3
59.	2.5	69.	19.4	79.	40.7	89.	70.8	99.	98.8
.2	2.8	.2	19.8	.2	41.2	.2	71.5	.2	99.2
.4	3.1	.4	20.2	.4	41.7	.4	72.1	.4	99.7
.6	3.4	.6	20.5	.6	42.3	.6	72.8	.6	—
.8	3.7	.8	20.9	.8	42.8	.8	73.4	.8	—
60.	4.0	70.	21.3	80.	43.3	90.	74.1	100.	—

TEMPERATURE 67°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	65.3	10.	56.4	20.	46.7	30.	35.9	40.	23.8
.2	65.1	.2	56.2	.2	46.5	.2	35.7	.2	23.5
.4	65.0	.4	56.0	.4	46.3	.4	35.4	.4	23.3
.6	64.8	.6	55.9	.6	46.1	.6	35.2	.6	23.0
.8	64.7	.8	55.7	.8	45.9	.8	34.9	.8	22.8
1.	61.5	11.	55.5	21.	45.7	31.	34.7	41.	22.5
.2	61.3	.2	55.3	.2	45.5	.2	34.5	.2	22.3
.4	61.1	.4	55.1	.4	45.3	.4	34.3	.4	22.0
.6	61.0	.6	55.0	.6	45.0	.6	34.0	.6	21.7
.8	60.8	.8	54.8	.8	44.5	.8	33.8	.8	21.5
2.	63.6	12.	51.0	22.	44.6	32.	33.6	42.	21.2
.2	63.4	.2	54.4	.2	44.1	.2	33.4	.2	20.9
.4	63.2	.4	54.2	.4	44.2	.4	33.1	.4	20.7
.6	63.1	.6	51.1	.6	44.0	.6	32.9	.6	20.4
.8	62.9	.8	53.9	.8	43.5	.8	32.6	.8	20.2
2.	62.7	13.	53.7	23.	43.6	33.	32.4	43.	19.9
.2	62.5	.2	53.5	.2	43.4	.2	32.2	.2	19.6
.4	62.3	.4	53.3	.4	43.2	.4	31.9	.4	19.4
.6	62.2	.6	53.2	.6	42.9	.6	31.7	.6	19.1
.8	62.0	.8	53.0	.8	42.7	.8	31.4	.8	18.9
4.	61.8	14.	52.8	24.	42.5	34.	31.2	44.	18.6
.2	61.6	.2	52.6	.2	42.3	.2	31.0	.2	18.3
.4	61.5	.4	52.4	.4	42.1	.4	30.7	.4	18.1
.6	61.3	.6	52.2	.6	41.9	.6	30.5	.6	17.8
.8	61.2	.8	52.0	.8	41.7	.8	30.2	.8	17.6
5.	61.0	15.	51.8	25.	41.5	35.	30.0	45.	17.3
.2	60.8	.2	51.6	.2	41.3	.2	29.8	.2	17.0
.4	60.6	.4	51.4	.4	41.1	.4	29.5	.4	16.8
.6	60.5	.6	51.2	.6	40.8	.6	29.3	.6	16.5
.8	60.3	.8	51.0	.8	40.6	.8	29.0	.8	16.3
6.	60.1	16.	50.8	26.	40.4	36.	28.8	46.	16.0
.2	59.9	.2	50.6	.2	40.2	.2	28.6	.2	15.7
.4	59.7	.4	50.4	.4	40.0	.4	28.3	.4	15.4
.6	59.6	.6	50.2	.6	39.7	.6	28.1	.6	15.2
.8	59.4	.8	50.0	.8	39.5	.8	27.8	.8	14.9
7.	59.2	17.	49.8	27.	39.3	37.	27.6	47.	14.6
.2	59.0	.2	49.6	.2	39.1	.2	27.3	.2	14.3
.4	58.8	.4	49.4	.4	38.8	.4	27.1	.4	14.0
.6	58.7	.6	49.2	.6	38.6	.6	26.8	.6	13.8
.8	58.5	.8	49.0	.8	38.3	.8	26.6	.8	13.5
8.	58.3	18.	48.8	28.	38.1	38.	26.3	48.	13.2
.2	58.1	.2	48.6	.2	37.9	.2	26.1	.2	12.9
.4	57.9	.4	48.4	.4	37.7	.4	25.8	.4	12.6
.6	57.8	.6	48.1	.6	37.4	.6	25.6	.6	12.4
.8	57.6	.8	47.9	.8	37.2	.8	25.3	.8	12.1
9.	57.4	19.	47.7	29.	37.0	39.	25.1	49.	11.8
.2	57.2	.2	47.5	.2	36.8	.2	24.8	.2	11.5
.4	57.0	.4	47.3	.4	36.6	.4	24.6	.4	11.2
.6	56.8	.6	47.1	.6	36.3	.6	24.3	.6	11.0
.8	56.6	.8	46.9	.8	36.1	.8	24.1	.8	10.7
10.	56.4	20.	46.7	30.	35.9	40.	23.8	50.	10.4

TEMPERATURE 67°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	10.4	60.	4.4	70.	21.7	80.	43.7	90.	71.3
.2	10.1	.2	4.7	.2	22.1	.2	44.3	.2	74.0
.4	9.8	.4	5.0	.4	22.5	.4	41.8	.4	73.5
.6	9.6	.6	5.4	.6	22.8	.6	45.4	.6	70.2
.8	9.3	.8	5.7	.8	23.2	.8	45.9	.8	70.5
51.	9.0	61.	0.0	71.	23.6	81.	46.5	91.	77.4
.2	8.7	.2	0.3	.2	24.0	.2	47.1	.2	78.0
.4	8.4	.4	6.0	.4	24.4	.4	47.7	.4	78.0
.6	8.2	.6	7.0	.6	24.7	.6	48.2	.6	79.2
.8	7.9	.8	7.3	.8	25.1	.8	48.8	.8	79.8
52.	7.6	62.	7.6	72.	25.5	82.	49.4	92.	80.4
.2	7.3	.2	7.9	.2	25.0	.2	49.9	.2	81.0
.4	7.0	.4	8.3	.4	26.3	.4	50.5	.4	81.0
.6	6.8	.6	8.6	.6	20.7	.6	51.0	.6	82.1
.8	6.5	.8	9.0	.8	27.1	.8	51.6	.8	82.7
53.	6.2	63	9.3	73	27.5	83	52.1	93.	83.3
.2	5.9	.2	9.0	.2	27.9	.2	52.7	.2	83.9
.4	5.6	.4	10.0	.4	28.3	.4	53.3	.4	84.5
.6	5.3	.6	10.3	.6	28.8	.6	53.8	.6	85.0
.8	5.0	.8	10.7	.8	29.2	.8	51.4	.8	85.6
54.	4.7	64	11.0	74.	29.6	84.	55.0	94.	86.2
.2	4.4	.2	11.3	.2	30.0	.2	55.6	.2	86.7
.4	4.1	.4	11.7	.4	30.4	.4	56.2	.4	87.3
.6	3.9	.6	12.0	.6	30.9	.6	56.9	.6	87.8
.8	3.6	.8	12.4	.8	31.3	.8	57.5	.8	88.4
55.	3.3	65.	12.7	75.	31.7	85	58.1	95.	88.9
.2	3.0	.2	13.0	.2	32.1	.2	58.7	.2	89.4
.4	2.7	.4	13.4	.4	32.6	.4	59.3	.4	89.9
.6	2.4	.6	13.7	.6	33.0	.6	60.0	.6	90.5
.8	2.1	.8	14.1	.8	33.5	.8	60.6	.8	91.0
56.	1.8	66.	11.4	76	33.9	86.	61.2	96.	91.5
.2	1.5	.2	14.7	.2	34.1	.2	61.9	.2	92.0
.4	1.2	.4	15.1	.4	34.9	.4	62.6	.4	92.5
.6	.9	.6	15.4	.6	35.3	.6	63.2	.6	93.1
.8	.6	.8	15.8	.8	35.8	.8	63.9	.8	93.6
57.	.3	67.	16.1	77.	36.3	87.	64.6	97.	94.1
.2		.2	16.5	.2	36.8	.2	65.2	.2	94.6
.4	.3	.4	16.9	.4	37.2	.4	65.9	.4	95.1
.6	.7	.6	17.2	.6	37.7	.6	66.5	.6	95.5
.8	1.0	.8	17.6	.8	38.1	.8	67.2	.8	96.0
58.	1.3	68	18.0	78.	38.6	88	67.8	98.	96.5
.2	1.6	.2	18.4	.2	39.1	.2	68.4	.2	97.0
.4	1.9	.4	18.7	.4	39.6	.4	69.1	.4	97.5
.6	2.3	.6	19.1	.6	40.1	.6	69.7	.6	97.9
.8	2.6	.8	19.4	.8	40.6	.8	70.4	.8	98.4
59.	2.9	69.	19.8	79	41.1	89.	71.0	99.	98.9
.2	3.2	.2	20.2	.2	41.6	.2	71.7	.2	99.3
.4	3.5	.4	20.6	.4	42.1	.4	72.3	.4	99.8
.6	3.8	.6	20.9	.6	42.7	.6	73.0	.6	—
.8	4.1	.8	21.3	.8	43.2	.8	73.6	.8	—
60.	4.4	70.	21.7	80.	43.7	90	74.3	100.	—

TEMPERATURE 66°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	65.1	10.	56.2	20.	46.5	30.	35.6	40.	23.5		
.2	64.9	.2	56.0	.2	46.3	.2	35.4	.2	23.2		
.4	64.7	.4	55.8	.4	46.1	.4	35.1	.4	23.0		
.6	64.6	.6	55.7	.6	45.9	.6	34.9	.6	22.7		
.8	64.4	.8	55.5	.8	45.7	.8	34.6	.8	22.5		
1.	64.2	11.	55.3	21.	45.5	31.	34.4	41.	22.2		
.2	64.0	.2	55.1	.2	45.3	.2	34.2	.2	21.9		
.4	63.9	.4	54.9	.4	45.1	.4	34.0	.4	21.7		
.6	63.7	.6	54.8	.6	44.8	.6	33.7	.6	21.4		
.8	63.6	.8	54.6	.8	44.6	.8	33.5	.8	21.2		
2.	63.4	12.	54.4	22.	44.4	32.	33.3	42.	20.9		
.2	63.2	.2	54.2	.2	44.2	.2	33.1	.2	20.6		
.4	63.0	.4	54.0	.4	44.0	.4	32.8	.4	20.4		
.6	62.9	.6	53.8	.6	43.7	.6	32.6	.6	20.1		
.8	62.7	.8	53.6	.8	43.5	.8	32.3	.8	19.9		
3.	62.5	13.	53.4	23.	43.3	33.	32.1	43.	19.6		
.2	62.3	.2	53.2	.2	43.1	.2	31.9	.2	19.3		
.4	62.1	.4	53.0	.4	42.9	.4	31.6	.4	19.1		
.6	62.0	.6	52.9	.6	42.6	.6	31.4	.6	18.8		
.8	61.8	.8	52.7	.8	42.4	.8	31.1	.8	18.6		
4.	61.6	14.	52.5	24.	42.2	34.	30.9	44.	18.3		
.2	61.4	.2	52.3	.2	42.0	.2	30.7	.2	18.0		
.4	61.3	.4	52.1	.4	41.8	.4	30.4	.4	17.7		
.6	61.1	.6	51.9	.6	41.5	.6	30.2	.6	17.5		
.8	61.0	.8	51.7	.8	41.3	.8	29.9	.8	17.2		
5.	60.8	15.	51.5	25.	41.1	35.	29.7	45.	16.9		
.2	60.6	.2	51.3	.2	40.9	.2	29.5	.2	16.6		
.4	60.4	.4	51.1	.4	40.7	.4	29.2	.4	16.4		
.6	60.3	.6	50.9	.6	40.5	.6	29.0	.6	16.1		
.8	60.1	.8	50.7	.8	40.3	.8	28.7	.8	15.9		
6.	59.9	16.	50.5	26.	40.1	36.	28.5	46.	15.6		
.2	59.7	.2	50.3	.2	39.9	.2	28.3	.2	15.3		
.4	59.5	.4	50.1	.4	39.7	.4	28.0	.4	15.0		
.6	59.4	.6	49.9	.6	39.4	.6	27.8	.6	14.8		
.8	59.2	.8	49.7	.8	39.2	.8	27.5	.8	14.5		
7.	59.0	17.	49.5	27.	39.0	37.	27.3	47.	14.2		
.2	58.8	.2	49.3	.2	38.8	.2	27.0	.2	13.9		
.4	58.6	.4	49.1	.4	38.5	.4	26.8	.4	13.6		
.6	58.5	.6	48.9	.6	38.3	.6	26.5	.6	13.4		
.8	58.3	.8	48.7	.8	38.0	.8	26.3	.8	13.1		
8.	58.1	18.	48.5	28.	37.8	38.	26.0	48.	12.8		
.2	57.9	.2	48.3	.2	37.6	.2	25.8	.2	12.5		
.4	57.7	.4	48.1	.4	37.4	.4	25.5	.4	12.3		
.6	57.5	.6	47.9	.6	37.1	.6	25.3	.6	12.0		
.8	57.3	.8	47.7	.8	36.9	.8	25.0	.8	11.8		
9.	57.1	19.	47.5	29.	36.7	39.	24.8	49.	11.5		
.2	56.9	.2	47.3	.2	36.5	.2	24.5	.2	11.2		
.4	56.7	.4	47.1	.4	36.3	.4	24.3	.4	10.9		
.6	56.6	.6	46.9	.6	36.0	.6	24.0	.6	10.7		
.8	56.4	.8	46.7	.8	35.8	.8	23.8	.8	10.4		
10.	56.2	20.	46.5	30.	35.6	40.	23.5	50.	10.1		

TEMPERATURE 68°

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	10 1	60.	4 8	70.	22.1	80.	14.3	90.	74.5		
.2	9.5	.2	5.1	.2	22.5	.2	44.8	.2	75.1		
.4	9.5	.4	5.4	.4	22.9	.4	45.4	.4	75.7		
.6	9.3	.6	5.8	.6	23.2	.6	45.9	.6	76.4		
.8	9.0	.8	6.1	.8	23.6	.8	46.5	.8	77.0		
51.	8.7	61.	6.4	71.	21.0	81.	47.0	91.	77.6		
.2	8.4	.2	6.7	.2	21.4	.2	47.6	.2	78.2		
.4	8.1	.4	7.0	.4	21.8	.4	48.1	.4	78.8		
.5	7.9	.6	7.4	.6	23.1	.6	48.7	.6	79.4		
.8	7.6	.8	7.7	.8	23.5	.8	49.2	.8	80.0		
62.	7.3	62.	8.0	72.	25.9	82.	49.8	92.	80.6		
.2	7.0	.2	8.3	.2	26.3	.2	50.1	.2	81.2		
.4	6.7	.4	8.7	.4	26.7	.4	50.9	.4	81.8		
.6	6.4	.6	9.0	.6	27.1	.6	51.5	.6	82.3		
.8	6.1	.8	9.4	.6	27.5	.8	52.0	.8	82.9		
53.	5.8	63.	9.7	73.	27.9	83.	52.6	93.	83.5		
.2	5.5	.2	10.0	.2	28.3	.2	53.2	.2	84.1		
.4	5.2	.4	10.4	.4	28.7	.4	53.7	.4	84.6		
.6	5.0	.6	10.7	.6	29.2	.6	54.3	.6	85.2		
.8	4.7	.8	11.1	.8	29.6	.8	54.8	.8	85.7		
54.	4.4	64.	11.4	74.	30.0	84.	55.1	94.	86.3		
.2	4.1	.2	11.7	.2	30.4	.2	56.0	.2	86.8		
.4	3.8	.4	12.1	.4	30.8	.4	56.6	.4	87.4		
.6	3.5	.6	12.4	.6	31.3	.6	57.2	.6	87.9		
.8	3.2	.8	12.8	.8	31.7	.8	57.8	.8	88.5		
55.	2.9	65.	13.1	75.	32.1	85.	58.4	95.	89.0		
.2	2.6	.2	13.4	.2	32.5	.2	59.0	.2	89.5		
.4	2.3	.4	13.8	.4	33.0	.4	59.7	.4	90.1		
.6	2.0	.6	14.1	.6	33.4	.6	60.3	.6	90.6		
.8	1.7	.8	14.5	.8	33.9	.8	61.0	.8	91.2		
56.	1.4	66.	14.8	76.	34.3	86.	61.6	96.	91.7		
.2	1.1	.2	15.1	.2	34.8	.2	62.2	.2	92.2		
.4	.8	.4	15.5	.4	35.3	.4	62.9	.4	92.7		
.6	.5	.6	15.8	.6	35.7	.6	63.5	.6	93.3		
.8	.2	.8	16.2	.8	36.2	.8	64.2	.8	93.7		
57.	.1	67.	16.5	77.	36.7	87.	64.8	97.	94.2		
.2	.4	.2	16.9	.2	37.2	.2	65.5	.2	94.7		
.4	.7	.4	17.3	.4	37.7	.4	66.1	.4	95.3		
.6	1.0	.6	17.6	.6	38.1	.6	66.8	.6	95.8		
.8	1.3	.8	18.0	.8	38.6	.8	67.4	.8	96.1		
58.	1.6	68.	18.4	78.	39.1	88.	68.1	98.	96.6		
.2	1.9	.2	18.8	.2	39.6	.2	68.7	.2	97.1		
.4	2.2	.4	19.1	.4	40.1	.4	69.4	.4	97.6		
.6	2.6	.6	19.5	.6	40.6	.6	70.0	.6	98.0		
.8	2.9	.8	19.8	.8	41.1	.8	70.7	.8	98.5		
59.	3.2	69.	20.2	79.	41.6	89.	71.3	99.	99.0		
.2	3.5	.2	20.6	.2	42.1	.2	71.9	.2	99.4		
.4	3.8	.4	21.0	.4	42.7	.4	72.6	.4	99.9		
.6	4.2	.6	21.3	.6	43.2	.6	73.2	.6	—		
.8	4.5	.8	21.7	.8	43.8	.8	73.9	.8	—		
60.	4.8	70.	22.1	80.	44.3	90.	74.5	100.	—		

TEMPERATURE 69°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	64.6	10.	55.9	20.	46.2	30.	35.3	40.	23.1
.2	64.6	.2	55.7	.2	46.0	.2	35.1	.2	22.8
.4	64.4	.4	55.5	.4	45.8	.4	34.8	.4	22.6
.6	64.3	.6	55.4	.6	45.5	.6	34.6	.6	22.3
.8	64.1	.8	55.2	.8	45.3	.8	34.3	.8	22.1
1.	63.9	11.	55.0	21.	45.1	31.	34.1	41.	21.8
.2	63.7	.2	54.8	.2	44.9	.2	33.9	.2	21.6
.4	63.6	.4	54.6	.4	44.7	.4	33.7	.4	21.3
.6	63.4	.6	61.5	.6	44.5	.6	33.4	.6	21.1
.8	63.3	.8	54.3	.8	44.3	.8	33.2	.8	20.8
2.	63.1	12.	54.1	22.	44.1	32.	33.0	42.	20.6
.2	62.9	.2	53.9	.2	43.9	.2	32.8	.2	20.3
.4	62.7	.4	63.7	.4	43.7	.4	32.6	.4	20.1
.6	62.6	.6	53.5	.6	43.4	.6	32.3	.6	19.8
.8	62.4	.8	53.3	.8	43.2	.8	32.0	.8	19.6
3.	62.2	13.	53.1	23.	43.0	33.	31.8	43.	19.3
.2	62.0	.2	52.9	.2	42.8	.2	31.6	.2	19.0
.4	61.9	.4	52.7	.4	42.6	.4	31.3	.4	18.8
.6	61.7	.6	52.6	.6	42.3	.6	31.1	.6	18.5
.8	61.6	.8	52.4	.8	42.1	.8	30.8	.8	18.3
4.	61.4	14.	52.2	24.	41.9	34.	30.6	44.	18.0
.2	61.2	.2	52.0	.2	41.7	.2	30.4	.2	17.7
.4	61.0	.4	51.8	.4	41.5	.4	30.1	.4	17.4
.6	60.9	.6	51.6	.6	41.3	.6	29.9	.6	17.2
.8	60.7	.8	51.4	.8	41.1	.8	29.6	.8	16.9
5.	60.5	15.	51.2	25.	40.9	35.	29.4	45.	16.6
.2	60.3	.2	51.0	.2	40.7	.2	29.2	.2	16.3
.4	60.1	.4	50.8	.4	40.5	.4	28.9	.4	16.1
.6	60.0	.6	50.6	.6	40.2	.6	28.7	.6	15.8
.8	59.8	.8	50.4	.8	40.0	.8	28.4	.8	15.6
6.	59.6	16.	50.2	26.	39.8	36.	28.2	46.	15.3
.2	59.4	.2	50.0	.2	39.6	.2	27.9	.2	15.0
.4	59.2	.4	49.8	.4	39.3	.4	27.7	.4	14.7
.6	59.1	.6	49.6	.6	39.1	.6	27.4	.6	14.5
.8	58.9	.8	49.4	.8	38.8	.8	27.2	.8	14.2
7.	58.7	17.	49.2	27.	38.6	37.	26.9	47.	13.9
.2	58.5	.2	49.0	.2	38.4	.2	26.7	.2	13.6
.4	58.3	.4	48.8	.4	38.2	.4	26.4	.4	13.3
.6	58.2	.6	48.6	.6	37.9	.6	26.2	.6	13.1
.8	58.0	.8	48.4	.8	37.7	.8	25.9	.8	12.8
8.	57.8	18.	48.2	28.	37.5	38.	25.7	48.	12.5
.2	57.6	.2	48.0	.2	37.3	.2	25.4	.2	12.2
.4	57.4	.4	47.8	.4	37.1	.4	25.2	.4	11.9
.6	57.3	.6	47.6	.6	36.8	.6	24.9	.6	11.7
.8	57.1	.8	47.4	.8	36.6	.8	24.7	.8	11.4
9.	56.9	19.	47.2	29.	36.4	39.	24.4	49.	11.1
.2	56.7	.2	47.0	.2	36.2	.2	24.1	.2	10.8
.4	56.5	.4	46.8	.4	36.0	.4	23.9	.4	10.5
.6	56.3	.6	46.6	.6	35.7	.6	23.6	.6	10.3
.8	56.1	.8	46.4	.8	35.5	.8	23.4	.8	10.0
10.	55.9	20.	46.2	30.	35.3	40.	23.1	50.	9.7

TEMPERATURE 69

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	9.7	00.	5.2	70.	22.5	80.	44.8	90.	74.7		
.2	9.4	.2	5.5	.2	22.0	.2	45.3	.2	75.3		
.4	9.1	.4	5.8	.4	21.3	.4	45.9	.4	75.9		
.6	8.9	.6	6.2	.6	23.6	.6	46.4	.6	76.6		
.8	8.6	.8	6.5	.8	24.0	.8	47.0	.8	77.2		
51.	8.3	01.	6.8	71.	24.4	81.	47.5	91.	77.8		
.2	8.0	.2	7.1	.2	24.8	.2	48.1	.2	78.4		
.4	7.7	.4	7.4	.4	25.2	.4	48.7	.4	79.0		
.6	7.5	.6	7.8	.6	25.6	.6	49.2	.6	79.6		
.8	7.2	.8	8.1	.8	26.0	.8	49.8	.8	80.2		
52.	6.9	02.	8.4	72.	26.4	82.	50.4	92.	80.8		
.2	6.6	.2	8.7	.2	26.8	.2	50.9	.2	81.4		
.4	6.3	.4	9.1	.4	27.2	.4	51.4	.4	82.0		
.6	6.0	.6	9.4	.6	27.6	.6	52.0	.6	82.5		
.8	5.7	.8	9.6	.8	28.0	.8	52.5	.8	83.1		
53.	5.4	03.	10.1	73.	28.4	83.	53.0	93.	83.7		
.2	5.1	.2	10.4	.2	28.8	.2	53.5	.2	84.3		
.4	4.8	.4	10.7	.4	29.2	.4	54.1	.4	84.8		
.6	4.6	.6	11.1	.6	29.6	.6	54.6	.6	85.4		
.8	4.3	.8	11.4	.8	30.0	.8	55.2	.8	85.9		
54.	4.0	04.	11.7		30.4	84.	55.7	94.	86.5		
.2	3.7	.2	12.0		30.8	.2	56.3	.2	87.0		
.4	3.4	.4	12.4		31.3	.4	56.9	.4	87.6		
.6	3.2	.6	12.7		31.7	.6	57.6	.6	88.1		
.8	2.9	.8	13.1		32.2	.8	58.2	.8	88.7		
55.	2.6	05.	13.4		32.6	85.	58.8	95.	89.2		
.2	2.3	.2	13.7	.2	33.0	.2	59.4	.2	89.7		
.4	2.0	.4	14.1	.4	33.5	.4	60.0	.4	90.2		
.6	1.7	.6	14.4	.6	33.9	.6	60.7	.6	90.8		
.8	1.4	.8	14.8	.8	34.4	.8	61.3	.8	91.3		
56.	1.1	06.	15.1	76.	34.8	86.	61.9	96.	91.8		
.2	.8	.2	15.5	.2	35.3	.2	62.5	.2	92.3		
.4	.5	.4	15.8	.4	35.8	.4	63.2	.4	92.8		
.6	.1	.6	16.2	.6	36.2	.6	63.8	.6	93.3		
.8		.8	16.6	.8	36.7	.8	64.5	.8	93.8		
57.	.2	07.	16.9	77.	37.2	87.	65.1	97.	94.3		
.2	.8	.2	17.3	.2	37.7	.2	65.7	.2	94.8		
.4	1.1	.4	17.7	.4	38.1	.4	66.4	.4	95.3		
.6	1.4	.6	18.0	.6	38.6	.6	67.0	.6	95.7		
.8	1.7	.8	18.4	.8	39.0	.8	67.7	.8	96.2		
58.	2.0	08.	18.8	78.	39.5	88.	68.3	98.	96.7		
.2	2.3	.2	19.2	.2	40.0	.2	68.9	.2	97.2		
.4	2.6	.4	19.5	.4	40.5	.4	69.6	.4	97.7		
.6	2.9	.6	19.9	.6	41.1	.6	70.2	.6	98.1		
.8	3.2	.8	20.2	.8	41.6	.8	70.9	.8	98.6		
59.	3.5	09.	20.6	79.	42.1	89.	71.5	99.	99.1		
.2	3.8	.2	21.0	.2	42.6	.2	72.1	.2	99.5		
.4	4.2	.4	21.4	.4	43.2	.4	72.8	.4	100.0		
.6	4.5	.6	21.7	.6	43.7	.6	73.4	.6	—		
.8	4.9	.8	22.1	.8	44.3	.8	74.1	.8	—		
60.	5.2	10.	22.5	80.	44.8	90.	74.7	100.	—		

TEMPERATURE 70°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	64.6	10.	55.6	20.	45.9	30.	34.9	40.	22.8
.2	64.3	.2	55.4	.2	45.7	.2	34.7	.2	22.5
.4	64.2	.4	55.2	.4	45.5	.4	34.5	.4	22.3
.6	64.0	.6	55.1	.6	45.2	.6	34.2	.6	22.0
.8	63.9	.8	54.9	.8	45.0	.8	34.0	.8	21.8
1.	63.7	11.	54.7	21.	44.8	31.	33.8	41.	21.5
.2	63.5	.2	54.5	.2	44.6	.2	33.6	.2	21.2
.4	63.3	.4	54.3	.4	44.4	.4	33.3	.4	21.0
.6	63.2	.6	54.2	.6	44.2	.6	33.1	.6	20.7
.8	63.0	.8	54.0	.8	44.0	.8	32.8	.8	20.5
2.	62.8	12.	53.8	22.	43.8	32.	32.6	42.	20.2
.2	62.6	.2	53.6	.2	43.6	.2	32.4	.2	19.9
.4	62.5	.4	53.4	.4	43.4	.4	32.2	.4	19.7
.6	62.3	.6	53.2	.6	43.1	.6	31.9	.6	19.4
.8	62.2	.8	53.0	.8	42.9	.8	31.7	.8	19.2
3.	62.0	13.	52.8	23.	42.7	33.	31.6	43.	18.9
.2	61.8	.2	52.6	.2	42.5	.2	31.3	.2	18.6
.4	61.6	.4	52.4	.4	42.3	.4	31.0	.4	18.4
.6	61.5	.6	52.3	.6	42.0	.6	30.8	.6	18.1
.8	61.3	.8	52.1	.8	41.8	.8	30.5	.8	17.9
4.	61.1	14.	51.9	24.	41.6	34.	30.3	44.	17.6
.2	60.9	.2	51.7	.2	41.4	.2	30.1	.2	17.3
.4	60.7	.4	51.5	.4	41.2	.4	29.8	.4	17.1
.6	60.6	.6	51.4	.6	41.0	.6	29.6	.6	16.8
.8	60.4	.8	51.2	.8	40.8	.8	29.3	.8	16.6
5.	60.2	15.	51.0	25.	40.6	35.	29.1	45.	16.3
.2	60.0	.2	50.8	.2	40.4	.2	28.9	.2	16.0
.4	59.8	.4	50.6	.4	40.2	.4	28.6	.4	15.7
.6	59.7	.6	50.4	.6	39.9	.6	28.4	.6	15.5
.8	59.5	.8	50.2	.8	39.7	.8	28.1	.8	15.2
6.	59.3	16.	50.0	26.	39.5	36.	27.9	46.	14.9
.2	59.1	.2	49.8	.2	39.3	.2	27.6	.2	14.6
.4	58.9	.4	49.6	.4	39.0	.4	27.4	.4	14.4
.6	58.8	.6	49.4	.6	38.8	.6	27.1	.6	14.1
.8	58.6	.8	49.2	.8	38.5	.8	26.9	.8	13.9
7.	58.4	17.	49.0	27.	38.3	37.	26.6	47.	13.6
.2	58.2	.2	48.8	.2	38.1	.2	26.4	.2	13.3
.4	58.0	.4	48.6	.4	37.9	.4	26.1	.4	13.0
.6	57.9	.6	48.3	.6	37.6	.6	25.9	.6	12.8
.8	57.7	.8	48.1	.8	37.4	.8	25.6	.8	12.5
8.	57.5	18.	47.9	28.	37.2	38.	25.4	48.	12.2
.2	57.3	.2	47.7	.2	37.0	.2	25.1	.2	11.9
.4	57.1	.4	47.5	.4	36.8	.4	24.9	.4	11.6
.6	57.0	.6	47.3	.6	36.5	.6	24.6	.6	11.4
.8	56.8	.8	47.1	.8	36.3	.8	24.4	.8	11.1
9.	56.6	19.	46.9	29.	36.1	39.	24.1	49.	10.8
.2	56.4	.2	46.7	.2	35.9	.2	23.8	.2	10.5
.4	56.2	.4	46.5	.4	35.6	.4	23.6	.4	10.3
.6	56.0	.6	46.3	.6	35.4	.6	23.3	.6	10.0
.8	55.8	.8	46.1	.8	35.1	.8	23.1	.8	9.7
10.	55.6	20.	45.9	30.	34.9	40.	22.8	50.	9.4

TEMPERATURE 70°.

Wm. & Divn. on Stem.	Per Cent. over Proof.	Wm. & Divn. on Stem.	Per Cent. under Proof.	Wm. & Divn. on Stem.	Per Cent. under Proof.	Wm. & Divn. on Stem.	Per Cent. under Proof.	Wm. & Divn. on Stem.	Per Cent. under Proof.
60.	9.4	60.	5.0	70.	22.0	80.	45.8	90.	75.0
.2	9.1	.2	5.9	.2	23.3	.2	45.8	.2	75.6
.4	8.8	.4	6.2	.4	23.7	.4	46.4	.4	76.2
.6	8.6	.6	6.6	.6	24.0	.6	46.9	.6	76.8
.8	8.3	.8	6.9	.8	24.4	.8	47.5	.8	77.4
51.	8.0	61.	7.2	71.	24.8	81.	48.0	91.	78.0
.2	7.7	.2	7.5	.2	25.2	.2	48.6	.2	78.6
.4	7.4	.4	7.8	.4	25.6	.4	49.1	.4	79.2
.6	7.2	.6	8.2	.6	26.0	.6	49.7	.6	79.7
.8	6.9	.8	8.5	.8	26.4	.8	50.2	.8	80.3
52.	6.6	62.	8.8	72.	26.8	82.	50.8	92.	80.9
.2	6.3	.2	9.1	.2	27.2	.2	51.3	.2	81.5
.4	6.0	.4	9.4	.4	27.6	.4	51.8	.4	82.1
.6	5.7	.6	9.8	.6	28.0	.6	52.4	.6	82.6
.8	5.4	.8	10.1	.8	28.4	.8	52.9	.8	83.2
53.	5.1	63.	10.4	73.	28.8	83.	53.4	93.	83.8
.2	4.8	.2	10.7	.2	29.2	.2	53.9	.2	84.4
.4	4.5	.4	11.1	.4	29.6	.4	54.5	.4	84.9
.6	4.2	.6	11.4	.6	30.1	.6	55.0	.6	85.5
.8	3.9	.8	11.8	.8	30.5	.8	55.6	.8	86.0
54.	3.6	64.	12.1	74.	30.9	84.	56.1	94.	86.6
.2	3.3	.2	12.4	.2	31.3	.2	56.7	.2	87.1
.4	3.0	.4	12.8	.4	31.7	.4	57.3	.4	87.7
.6	2.8	.6	13.1	.6	32.2	.6	57.9	.6	88.2
.8	2.5	.8	13.5	.8	32.6	.8	58.5	.8	88.8
55.	2.2	65.	13.8	75.	33.0	85.	59.1	95.	89.3
.2	1.9	.2	14.1	.2	33.5	.2	59.7	.2	89.8
.4	1.6	.4	14.5	.4	33.9	.4	60.3	.4	90.3
.6	1.3	.6	14.8	.6	34.4	.6	61.0	.6	90.9
.8	1.0	.8	15.2	.8	34.8	.8	61.6	.8	91.4
56.	.7	66.	15.5	76.	35.3	86.	62.2	96.	91.9
.2	.4	.2	15.9	.2	35.8	.2	62.8	.2	92.4
.4	.1	.4	16.3	.4	36.2	.4	63.5	.4	92.9
.6	.3	.6	16.6	.6	36.7	.6	64.1	.6	93.4
.8	.6	.8	16.9	.8	37.1	.8	64.8	.8	93.9
57.	.9	67.	17.3	77.	37.6	87.	65.4	97.	94.4
.2	1.2	.2	17.7	.2	38.1	.2	66.0	.2	94.9
.4	1.5	.4	18.1	.4	38.6	.4	66.7	.4	95.4
.6	1.8	.6	18.4	.6	39.0	.6	67.3	.6	95.9
.8	2.1	.8	18.8	.8	39.5	.8	68.0	.8	96.4
58.	2.4	68.	19.2	78.	40.0	88.	68.6	98.	96.9
.2	2.7	.2	19.6	.2	40.5	.2	69.2	.2	97.4
.4	3.0	.4	20.0	.4	41.0	.4	69.8	.4	97.8
.6	3.3	.6	20.3	.6	41.5	.6	70.5	.6	98.3
.8	3.6	.8	20.7	.8	42.0	.8	71.1	.8	98.7
59.	3.9	69.	21.1	79.	42.5	89.	71.7	99.	99.2
.2	4.2	.2	21.5	.2	43.1	.2	72.4	.2	99.6
.4	4.6	.4	21.8	.4	43.6	.4	73.0	.4	—
.6	4.9	.6	22.2	.6	44.2	.6	73.7	.6	—
.8	5.3	.8	22.5	.8	44.7	.8	74.3	.8	—
60.	5.6	70.	22.9	80.	45.3	90.	75.9	100.	—

TEMPERATURE 71°.

W. & D. on Stem.	Per Cent. over Proof.	W. & D. on Stem.	Per Cent. over Proof.	W. & D. on Stem.	Per Cent. over Proof.	W. & D. on Stem.	Per Cent. over Proof.	W. & D. on Stem.	Per Cent. over Proof.
0.	64.3	10.	55.4	20.	45.6	30.	34.6	40.	22.5
.2	64.1	.2	55.2	.2	45.4	.2	34.4	.2	22.2
.4	64.0	.4	55.0	.4	45.2	.4	34.2	.4	22.0
.6	63.8	.6	54.9	.6	45.0	.6	33.9	.6	21.7
.8	63.7	.8	54.7	.8	44.8	.8	33.7	.8	21.5
1.	63.5	11.	54.5	21.	44.6	31.	33.5	41.	21.2
.2	63.3	.2	54.3	.2	44.4	.2	33.3	.2	20.9
.4	63.1	.4	54.1	.4	44.2	.4	33.0	.4	20.7
.6	63.0	.6	54.0	.6	43.9	.6	32.8	.6	20.4
.8	62.8	.8	53.8	.8	43.7	.8	32.5	.8	20.2
2.	62.6	12.	53.6	22.	43.5	32.	32.3	42.	19.9
.2	62.4	.2	53.4	.2	43.3	.2	32.1	.2	19.6
.4	62.3	.4	53.2	.4	43.1	.4	31.8	.4	19.4
.6	62.1	.6	53.0	.6	42.8	.6	31.6	.6	19.1
.8	62.0	.8	52.8	.8	42.6	.8	31.3	.8	18.9
3.	61.8	13.	52.6	23.	42.4	33.	31.1	43.	18.6
.2	61.6	.2	52.4	.2	42.2	.2	30.9	.2	18.3
.4	61.4	.4	52.2	.4	42.0	.4	30.6	.4	18.1
.6	61.3	.6	52.1	.6	41.8	.6	30.4	.6	17.8
.8	61.1	.8	51.9	.8	41.6	.8	30.1	.8	17.6
4.	60.9	14.	51.7	24.	41.4	34.	29.9	44.	17.3
.2	60.7	.2	51.5	.2	41.2	.2	29.7	.2	17.0
.4	60.5	.4	51.3	.4	41.0	.4	29.4	.4	16.8
.6	60.4	.6	51.1	.6	40.7	.6	29.2	.6	16.5
.8	60.2	.8	50.9	.8	40.5	.8	28.9	.8	16.3
5.	60.0	15.	50.7	25.	40.3	35.	28.7	45.	16.0
.2	59.8	.2	50.5	.2	40.1	.2	28.5	.2	15.7
.4	59.6	.4	50.3	.4	39.9	.4	28.2	.4	15.4
.6	59.5	.6	50.1	.6	39.6	.6	28.0	.6	15.2
.8	59.3	.8	49.9	.8	39.4	.8	27.7	.8	14.9
6.	59.1	16.	49.7	26.	39.2	36.	27.5	46.	14.6
.2	58.9	.2	49.5	.2	39.0	.2	27.2	.2	14.3
.4	58.7	.4	49.3	.4	38.7	.4	27.0	.4	14.0
.6	58.6	.6	49.1	.6	38.5	.6	26.7	.6	13.8
.8	58.4	.8	48.9	.8	38.2	.8	26.5	.8	13.5
7.	58.2	17.	48.7	27.	38.0	37.	26.2	47.	13.2
.2	58.0	.2	48.5	.2	37.8	.2	26.0	.2	12.9
.4	57.8	.4	48.3	.4	37.6	.4	25.7	.4	12.6
.6	57.7	.6	48.1	.6	37.3	.6	25.5	.6	12.4
.8	57.5	.8	47.9	.8	37.1	.8	25.2	.8	12.1
8.	57.3	18.	47.7	28.	36.9	38.	25.0	48.	11.8
.2	57.1	.2	47.5	.2	36.7	.2	24.7	.2	11.5
.4	56.9	.4	47.3	.4	36.5	.4	24.5	.4	11.2
.6	56.8	.6	47.0	.6	36.2	.6	24.2	.6	11.0
.8	56.6	.8	46.8	.8	36.0	.8	24.0	.8	10.7
9.	56.4	19.	46.6	29.	35.8	39.	23.7	49.	10.4
.2	56.2	.2	46.4	.2	35.6	.2	23.5	.2	10.1
.4	56.0	.4	46.2	.4	35.3	.4	23.2	.4	9.8
.6	55.8	.6	46.0	.6	35.1	.6	23.0	.6	9.6
.8	55.6	.8	45.8	.8	34.8	.8	22.7	.8	9.3
10.	55.4	20.	45.6	30.	34.6	40.	22.5	50.	9.0

TEMPERATURE 71°.

Wts. & Drvs. on Stem.	Per Cent. over Proof.	Wts. & Drvs. on Stem.	Per Cent. under Proof.	Wts. & Drvs. on Stem.	Per Cent. under Proof.	Wts. & Drvs. on Stem.	Per Cent. under Proof.	Wts. & Drvs. on Stem.	Per Cent. under Proof.	Wts. & Drvs. on Stem.	Per Cent. under Proof.
50.	9.0	60.	6.0	70.	29.3	80.	45.6	90.	75.2	100.	—
.2	8.7	.2	6.8	.2	23.7	.2	40.3	.2	74.8		
.4	8.4	.4	6.6	.4	24.1	.4	46.9	.4	76.4		
.6	8.2	.6	7.0	.6	24.4	.6	47.4	.6	77.0		
.8	7.9	.8	7.3	.8	24.8	.8	48.0	.8	77.6		
51.	7.6	61.	7.1	71.	25.2	81.	48.6	91.	78.2		
.2	7.5	.2	7.0	.2	25.6	.2	49.0	.2	78.6		
.4	7.0	.4	8.1	.4	20.0	.4	49.6	.4	79.4		
.6	6.8	.6	8.0	.6	26.4	.6	50.1	.6	79.9		
.8	6.5	.8	8.9	.8	26.8	.8	50.7	.8	80.5		
52.	6.2	62.	9.2	72.	27.2	82.	51.1	92.	81.1		
.2	5.9	.2	0.5	.2	27.6	.2	51.7	.2	81.7		
.4	5.6	.4	9.8	.4	28.0	.4	52.2	.4	82.3		
.6	5.4	.6	10.2	.6	28.4	.6	52.8	.6	82.8		
.8	5.1	.8	10.5	.8	28.8	.8	53.3	.8	83.4		
53.	4.8	63.	10.8	73.	29.2	83.	53.8	93.	84.0		
.2	4.6	.2	11.1	.2	29.6	.2	54.3	.2	84.6		
.4	4.2	.4	11.5	.4	30.0	.4	54.9	.4	85.1		
.6	3.9	.6	11.8	.6	30.5	.6	55.4	.6	85.7		
.8	3.6	.8	12.2	.8	30.9	.8	56.0	.8	86.2		
54.	3.3	64.	12.5	74.	31.3	84.	56.5	94.	86.8		
.2	3.0	.2	12.8	.2	31.7	.2	57.1	.2	87.3		
.4	2.7	.4	13.2	.4	32.2	.4	57.7	.4	87.9		
.6	2.4	.6	13.5	.6	32.6	.6	58.3	.6	88.4		
.8	2.1	.8	13.9	.8	33.1	.8	58.9	.8	89.0		
55.	1.8	65.	14.2	75.	33.5	85.	59.5	95.	89.6		
.2	1.6	.2	14.6	.2	34.0	.2	60.1	.2	90.0		
.4	1.2	.4	14.9	.4	34.4	.4	60.7	.4	90.5		
.6	.9	.6	15.3	.6	34.9	.6	61.4	.6	91.0		
.8	.6	.8	15.6	.8	35.3	.8	62.0	.8	91.5		
56.	.3	66.	16.0	76.	35.8	86.	62.6	96.	92.0		
.2		.2	16.4	.2	36.3	.2	63.2	.2	92.5		
.4	.3	.4	16.7	.4	36.7	.4	63.8	.4	93.0		
.6	.6	.6	17.1	.6	37.3	.6	64.5	.6	93.5		
.8	.9	.8	17.4	.8	37.9	.8	65.1	.8	94.0		
57.	1.2	67.	17.8	77.	38.1	87.	65.7	97.	94.5		
.2	1.5	.2	18.2	.2	38.6	.2	66.3	.2	95.0		
.4	1.8	.4	18.5	.4	39.1	.4	66.9	.4	95.5		
.6	2.2	.6	18.9	.6	39.5	.6	67.6	.6	96.0		
.8	2.5	.8	19.2	.8	40.0	.8	68.2	.8	96.5		
58.	2.8	68.	19.6	78.	40.5	88.	68.8	98.	97.0		
.2	3.1	.2	20.0	.2	41.0	.2	69.4	.2	97.5		
.4	3.4	.4	20.4	.4	41.5	.4	70.1	.4	97.9		
.6	3.7	.6	20.7	.6	42.0	.6	70.7	.6	98.4		
.8	4.0	.8	21.1	.8	42.5	.8	71.4	.8	98.8		
59.	4.3	69.	21.5	79.	43.0	89.	72.0	99.	99.3		
.2	4.6	.2	21.9	.2	43.6	.2	72.6	.2	99.7		
.4	5.0	.4	22.3	.4	44.1	.4	73.3	.4	—		
.6	5.2	.6	22.6	.6	44.7	.6	73.9	.6	—		
.8	5.7	.8	22.9	.8	45.3	.8	74.6	.8	—		
60.	6.0	70.	23.3	80.	45.8	90.	75.2	100.	—		

TEMPERATURE 72°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	64.1	10.	55.2	20.	45.8	30.	34.3	40.	22.1
.2	63.9	.2	55.0	.2	45.1	.2	34.1	.2	21.8
.4	63.7	.4	54.8	.4	44.9	.4	33.9	.4	21.6
.6	63.6	.6	54.6	.6	44.7	.6	33.6	.6	21.3
.8	63.4	.8	54.4	.8	44.5	.8	33.4	.8	21.1
1.	63.2	11.	54.2	21.	44.3	31.	33.2	41.	20.8
.2	63.0	.2	54.0	.2	44.1	.2	33.0	.2	20.5
.4	62.9	.4	53.8	.4	43.9	.4	32.7	.4	20.3
.6	62.7	.6	53.7	.6	43.6	.6	32.5	.6	20.0
.8	62.6	.8	53.5	.8	43.4	.8	32.2	.8	19.8
2.	62.4	12.	53.3	22.	43.2	32.	32.0	42.	19.5
.2	62.2	.2	53.1	.2	43.0	.2	31.8	.2	19.2
.4	62.0	.4	52.9	.4	42.8	.4	31.5	.4	19.0
.6	61.9	.6	52.7	.6	42.5	.6	31.3	.6	18.7
.8	61.7	.8	52.5	.8	42.3	.8	31.0	.8	18.5
3.	61.5	13.	52.3	23.	42.1	33.	30.8	43.	18.2
.2	61.3	.2	52.1	.2	41.9	.2	30.6	.2	17.9
.4	61.1	.4	51.9	.4	41.7	.4	30.3	.4	17.7
.6	61.0	.6	51.8	.6	41.5	.6	30.1	.6	17.4
.8	60.8	.8	51.6	.8	41.3	.8	29.8	.8	17.2
4.	60.6	14.	51.4	24.	41.1	34.	29.6	44.	16.9
.2	60.4	.2	51.2	.2	40.9	.2	29.4	.2	16.6
.4	60.2	.4	51.0	.4	40.7	.4	29.1	.4	16.4
.6	60.1	.6	50.8	.6	40.4	.6	28.9	.6	16.1
.8	59.9	.8	50.6	.8	40.2	.8	28.6	.8	15.9
5.	59.7	15.	50.4	25.	40.0	35.	28.4	45.	15.6
.2	59.5	.2	50.2	.2	39.8	.2	28.2	.2	15.3
.4	59.3	.4	50.0	.4	39.5	.4	27.9	.4	15.1
.6	59.2	.6	49.8	.6	39.3	.6	27.7	.6	14.8
.8	59.0	.8	49.6	.8	39.0	.8	27.4	.8	14.6
6.	58.8	16.	49.4	26.	38.8	36.	27.2	46.	14.3
.2	58.6	.2	49.2	.2	38.6	.2	26.9	.2	14.0
.4	58.4	.4	49.0	.4	38.4	.4	26.7	.4	13.7
.6	58.3	.6	48.8	.6	38.1	.6	26.4	.6	13.5
.8	58.1	.8	48.6	.8	37.9	.8	26.2	.8	13.2
7.	57.9	17.	48.4	27.	37.7	37.	25.9	47.	12.9
.2	57.7	.2	48.2	.2	37.5	.2	25.7	.2	12.6
.4	57.5	.4	48.0	.4	37.3	.4	25.4	.4	12.3
.6	57.4	.6	47.8	.6	37.0	.6	25.2	.6	12.1
.8	57.2	.8	47.6	.8	36.8	.8	24.9	.8	11.8
8.	57.0	18.	47.4	28.	36.6	38.	24.7	48.	11.5
.2	56.8	.2	47.2	.2	36.4	.2	24.4	.2	11.2
.4	56.6	.4	47.0	.4	36.2	.4	24.2	.4	10.9
.6	56.5	.6	46.7	.6	35.9	.6	23.9	.6	10.7
.8	56.3	.8	46.5	.8	35.7	.8	23.7	.8	10.4
9.	56.1	19.	46.3	29.	35.5	39.	23.4	49.	10.1
.2	55.9	.2	46.1	.2	35.3	.2	23.1	.2	9.8
.4	55.7	.4	45.9	.4	35.0	.4	22.9	.4	9.5
.6	55.6	.6	45.7	.6	34.8	.6	22.6	.6	9.3
.8	55.4	.8	45.5	.8	34.5	.8	22.4	.8	9.0
10.	55.2	20.	45.3	30.	34.3	40.	22.1	50.	8.7

TEMPERATURE 72°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
40.	8.7	60.	6.3	70.	23.7	80.	46.3	90.	75.4						
.2	8.4	.2	6.6	.2	24.1	.2	46.8	.2	76.0						
.4	8.1	.4	6.9	.4	24.5	.4	47.4	.4	76.6						
.6	7.9	.6	7.3	.6	24.8	.6	47.9	.6	77.2						
.8	7.6	.8	7.6	.8	25.2	.8	48.5	.8	77.8						
51.	7.3	61.	7.9	71.	25.6	81.	49.0	91.	78.4						
.2	7.0	.2	8.2	.2	26.0	.2	49.5	.2	79.0						
.4	6.7	.4	8.6	.4	26.4	.4	50.0	.4	79.6						
.6	6.5	.6	8.9	.6	26.8	.6	50.6	.6	80.1						
.8	6.2	.8	9.3	.8	27.2	.8	51.1	.8	80.7						
52.	6.9	62.	9.6	72.	27.6	82.	51.6	92.	81.3						
.2	5.6	.2	9.9	.2	28.0	.2	52.1	.2	81.9						
.4	5.3	.4	10.2	.4	28.4	.4	52.6	.4	82.5						
.6	5.0	.6	10.6	.6	28.8	.6	53.2	.6	83.0						
.8	4.7	.8	10.9	.8	29.2	.8	53.7	.8	83.6						
53.	4.4	63.	11.2	73.	29.6	83.	54.2	93.	84.2						
.2	4.1	.2	11.5	.2	30.0	.2	54.7	.2	84.7						
.4	3.8	.4	11.9	.4	30.4	.4	55.3	.4	85.3						
.6	3.6	.6	12.2	.6	30.9	.6	55.8	.6	85.8						
.8	3.3	.8	12.6	.8	31.3	.8	56.4	.8	86.4						
54.	3.0	64.	12.9	74.	31.7	84.	56.9	94.	86.9						
.2	2.7	.2	13.2	.2	32.1	.2	57.5	.2	87.4						
.4	2.4	.4	13.6	.4	32.6	.4	58.1	.4	88.0						
.6	2.1	.6	13.9	.6	33.0	.6	58.6	.6	88.5						
.8	1.8	.8	14.3	.8	33.5	.8	59.2	.8	89.1						
55.	1.4	65.	14.6	75.	33.9	85.	59.8	95.	89.6						
.2	1.1	.2	15.0	.2	34.4	.2	60.4	.2	90.1						
.4	.9	.4	15.3	.4	34.8	.4	61.0	.4	90.6						
.6	.6	.6	15.7	.6	35.3	.6	61.7	.6	91.2						
.8	.3	.8	16.0	.8	35.7	.8	62.3	.8	91.7						
56.		66.	16.4	76.	36.2	86.	62.9	96.	92.2						
.2	.3	.2	16.8	.2	36.7	.2	63.5	.2	92.7						
.4	.6	.4	17.1	.4	37.1	.4	64.1	.4	93.2						
.6	.9	.6	17.5	.6	37.6	.6	64.6	.6	93.7						
.8	1.2	.8	17.8	.8	38.0	.8	65.4	.8	94.2						
57.	1.6	67.	18.2	77.	38.5	87.	66.0	97.	94.7						
.2	1.8	.2	18.6	.2	39.0	.2	66.6	.2	95.2						
.4	2.2	.4	18.9	.4	39.5	.4	67.2	.4	95.7						
.6	2.5	.6	19.3	.6	39.9	.6	67.9	.6	96.1						
.8	2.9	.8	19.6	.8	40.4	.8	68.5	.8	96.6						
58.	3.2	68.	20.0	78.	40.9	88.	69.1	98.	97.1						
.2	3.6	.2	20.4	.2	41.4	.2	69.7	.2	97.6						
.4	3.8	.4	20.8	.4	41.9	.4	70.3	.4	98.0						
.6	4.1	.6	21.1	.6	42.5	.6	71.0	.6	98.5						
.8	4.4	.8	21.5	.8	43.0	.8	71.6	.8	99.0						
59.	4.7	69.	21.9	79.	43.5	89.	72.2	99.	99.4						
.2	5.0	.2	22.3	.2	44.1	.2	72.8	.2	99.8						
.4	5.3	.4	22.6	.4	44.6	.4	73.5	.4	—						
.6	5.7	.6	23.0	.6	45.2	.6	74.1	.6	—						
.8	6.0	.8	23.3	.8	45.7	.8	74.8	.8	—						
60.	6.3	70.	23.7	80.	46.3	90.	75.4	100.	—						

TEMPERATURE 73°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	63.8	10.	54.0	20.	45.0	30.	34.0	40.	21.8				
.2	63.6	.2	54.7	.2	44.9	.2	33.8	.2	21.5				
.4	63.4	.4	54.5	.4	44.6	.4	33.6	.4	21.3				
.6	63.3	.6	54.3	.6	44.4	.6	33.3	.6	21.0				
.8	63.1	.8	54.1	.8	44.2	.8	33.1	.8	20.8				
1.	62.9	11.	53.9	21.	44.0	31.	32.9	41.	20.5				
.2	62.7	.2	53.7	.2	43.8	.2	32.7	.2	20.2				
.4	62.6	.4	53.5	.4	43.6	.4	32.4	.4	20.0				
.6	62.4	.6	53.4	.6	43.3	.6	32.2	.6	19.7				
.8	62.3	.8	53.2	.8	43.1	.8	31.9	.8	19.5				
2.	62.1	12.	53.0	22.	42.9	32.	31.7	42.	19.2				
.2	61.9	.2	52.8	.2	42.7	.2	31.5	.2	18.9				
.4	61.7	.4	52.6	.4	42.5	.4	31.2	.4	18.7				
.6	61.6	.6	52.4	.6	42.2	.6	31.0	.6	18.4				
.8	61.4	.8	52.2	.8	42.0	.8	30.7	.8	18.2				
3.	61.2	13.	52.0	23.	41.8	33.	30.5	43.	17.9				
.2	61.0	.2	51.8	.2	41.6	.2	30.3	.2	17.6				
.4	60.8	.4	51.6	.4	41.4	.4	30.0	.4	17.4				
.6	60.7	.6	51.5	.6	41.2	.6	29.8	.6	17.1				
.8	60.5	.8	51.3	.8	41.0	.8	29.5	.8	16.9				
4.	60.3	14.	51.1	24.	40.8	34.	29.3	44.	16.6				
.2	60.1	.2	50.9	.2	40.6	.2	29.1	.2	16.3				
.4	59.9	.4	50.7	.4	40.4	.4	28.8	.4	16.0				
.6	59.8	.6	50.5	.6	40.1	.6	28.6	.6	15.8				
.8	59.6	.8	50.3	.8	39.9	.8	28.3	.8	15.5				
5.	59.4	15.	50.1	25.	39.7	35.	28.1	45.	15.2				
.2	59.2	.2	49.9	.2	39.5	.2	27.8	.2	14.9				
.4	59.0	.4	49.7	.4	39.2	.4	27.6	.4	14.7				
.6	58.9	.6	49.5	.6	39.0	.6	27.3	.6	14.4				
.8	58.7	.8	49.3	.8	38.7	.8	27.1	.8	14.2				
6.	58.5	16.	49.1	26.	38.5	36.	26.8	46.	13.9				
.2	58.3	.2	48.9	.2	38.3	.2	26.6	.2	13.6				
.4	58.1	.4	48.7	.4	38.1	.4	26.3	.4	13.3				
.6	58.0	.6	48.5	.6	37.8	.6	26.1	.6	13.1				
.8	57.8	.8	48.3	.8	37.6	.8	25.8	.8	12.8				
7.	57.6	17.	48.1	27.	37.4	37.	25.6	47.	12.5				
.2	57.4	.2	47.9	.2	37.2	.2	25.3	.2	12.2				
.4	57.2	.4	47.7	.4	37.0	.4	25.1	.4	11.9				
.6	57.1	.6	47.5	.6	36.7	.6	24.8	.6	11.7				
.8	56.9	.8	47.3	.8	36.5	.8	24.6	.8	11.4				
8.	56.7	18.	47.1	28.	36.3	38.	24.3	48.	11.1				
.2	56.5	.2	46.9	.2	36.1	.2	24.1	.2	10.8				
.4	56.3	.4	46.7	.4	35.9	.4	23.8	.4	10.5				
.6	56.2	.6	46.4	.6	35.6	.6	23.6	.6	10.3				
.8	56.0	.8	46.2	.8	35.4	.8	23.3	.8	10.0				
9.	55.8	19.	46.0	29.	35.2	39.	23.1	49.	9.7				
.2	55.6	.2	45.8	.2	35.0	.2	22.8	.2	9.4				
.4	55.4	.4	45.6	.4	34.7	.4	22.6	.4	9.1				
.6	55.3	.6	45.4	.6	34.5	.6	22.3	.6	8.9				
.8	55.1	.8	45.2	.8	34.3	.8	22.1	.8	8.6				
10.	54.9	20.	45.0	30.	34.0	40.	21.8	50.	8.3				

TEMPERATURE 75.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	8.3	60.	6.7	70.	21.2	80.	46.8	90.	75.6				
.2	8.0	.2	7.0	.2	21.6	.2	47.4	.2	76.2				
.4	7.7	.4	7.3	.4	25.0	.4	47.9	.4	76.8				
.6	7.5	.6	7.7	.6	25.3	.6	48.5	.6	77.4				
.8	7.2	.8	8.0	.8	25.7	.8	49.0	.8	78.0				
51.	6.9	61.	8.2	71.	26.1	81.	49.6	91.	78.6				
.2	6.6	.2	8.6	.2	26.5	.2	50.1	.2	79.2				
.4	6.3	.4	9.0	.4	26.9	.4	50.6	.4	79.8				
.6	6.1	.6	9.3	.6	27.3	.6	51.1	.6	80.3				
.8	5.8	.8	9.7	.8	27.7	.8	51.6	.8	80.9				
52.	5.5	62.	10.0	72.	28.1	82.	52.1	92.	81.5				
.2	5.2	.2	10.3	.2	28.5	.2	52.6	.2	82.1				
.4	4.9	.4	10.6	.4	28.9	.4	53.1	.4	82.6				
.6	4.6	.6	11.0	.6	29.3	.6	53.6	.6	83.2				
.8	4.3	.8	11.3	.8	29.7	.8	54.1	.8	83.7				
53.	4.0	63.	11.6	73.	30.1	83.	54.6	93.	84.3				
.2	3.7	.2	11.9	.2	30.5	.2	55.1	.2	84.9				
.4	3.4	.4	12.3	.4	30.9	.4	55.7	.4	85.4				
.6	3.2	.6	12.6	.6	31.4	.6	56.2	.6	86.0				
.8	2.9	.8	13.0	.8	31.8	.8	56.8	.8	86.5				
54.	2.6	64.	13.3	74.	32.2	84.	57.3	94.	87.1				
.2	2.3	.2	13.6	.2	32.6	.2	57.9	.2	87.6				
.4	2.0	.4	14.0	.4	33.1	.4	58.4	.4	88.1				
.6	1.7	.6	14.3	.6	33.5	.6	59.0	.6	88.7				
.8	1.4	.8	14.7	.8	34.0	.8	59.5	.8	89.2				
55.	1.1	65.	15.0	75.	34.4	85.	60.1	95.	89.7				
.2	.8	.2	15.4	.2	34.9	.2	60.7	.2	90.2				
.4	.5	.4	15.7	.4	35.3	.4	61.3	.4	90.7				
.6	.2	.6	16.1	.6	35.8	.6	61.8	.6	91.3				
.8	.1	.8	16.4	.8	36.2	.8	62.6	.8	91.8				
56.	.4	66.	16.8	76.	36.7	86.	63.2	96.	92.3				
.2	.7	.2	17.2	.2	37.2	.2	63.8	.2	92.8				
.4	1.0	.4	17.5	.4	37.6	.4	64.4	.4	93.3				
.6	1.3	.6	17.9	.6	38.1	.6	65.1	.6	93.8				
.8	1.6	.8	18.2	.8	38.5	.8	65.7	.8	94.3				
57.	1.9	67.	18.6	77.	39.0	87.	66.3	97.	94.8				
.2	2.2	.2	19.0	.2	39.5	.2	66.9	.2	95.3				
.4	2.5	.4	19.3	.4	39.9	.4	67.5	.4	95.8				
.6	2.9	.6	19.7	.6	40.4	.6	68.2	.6	96.2				
.8	3.2	.8	20.0	.8	40.8	.8	68.8	.8	96.7				
58.	3.5	68.	20.4	78.	41.3	88.	69.4	98.	97.2				
.2	3.8	.2	20.8	.2	41.8	.2	70.0	.2	97.7				
.4	4.1	.4	21.2	.4	42.4	.4	70.6	.4	98.1				
.6	4.5	.6	21.5	.6	42.9	.6	71.3	.6	98.6				
.8	4.8	.8	21.9	.8	43.5	.8	71.9	.8	99.0				
59.	5.1	69.	22.3	79.	44.0	89.	72.5	99.	99.5				
.2	5.4	.2	22.7	.2	44.6	.2	73.1	.2	99.9				
.4	5.7	.4	23.1	.4	45.1	.4	73.7	.4	—				
.6	6.1	.6	23.4	.6	45.7	.6	74.4	.6	—				
.8	6.4	.8	23.8	.8	46.2	.8	75.0	.8	—				
60.	6.7	70.	24.2	80.	46.8	90.	75.6	100.	—				

TEMPERATURE 74°

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	63.6	10.	54.6	20.	44.7	30.	35.7	40.	21.5
.2	63.4	.2	54.4	.2	44.5	.2	35.5	.2	21.2
.4	63.2	.4	54.2	.4	44.3	.4	35.3	.4	21.0
.6	63.1	.6	54.1	.6	44.1	.6	35.0	.6	20.7
.8	62.9	.8	53.9	.8	43.9	.8	32.7	.8	20.5
1.	62.7	11.	53.7	21.	43.7	31.	32.5	41.	20.2
.2	62.5	.2	53.5	.2	43.5	.2	32.3	.2	19.9
.4	62.3	.4	53.3	.4	43.3	.4	32.1	.4	19.7
.6	62.2	.6	53.2	.6	43.0	.6	31.8	.6	19.4
.8	62.0	.8	53.0	.8	42.8	.8	31.6	.8	19.2
2.	61.8	12.	52.8	22.	42.6	32.	31.4	42.	18.9
.2	61.6	.2	52.6	.2	42.4	.2	31.2	.2	18.6
.4	61.4	.4	52.4	.4	42.2	.4	30.9	.4	18.4
.6	61.3	.6	52.2	.6	41.9	.6	30.7	.6	18.1
.8	61.1	.8	52.0	.8	41.7	.8	30.4	.8	17.9
3.	60.9	13.	51.8	23.	41.5	33.	30.2	43.	17.8
.2	60.7	.2	51.6	.2	41.3	.2	30.6	.2	17.3
.4	60.5	.4	51.4	.4	41.1	.4	29.7	.4	17.1
.6	60.4	.6	51.2	.6	40.9	.6	29.5	.6	16.8
.8	60.2	.8	51.0	.8	40.7	.8	29.2	.8	16.6
4.	60.0	14.	50.8	24.	40.5	34.	29.0	44.	16.3
.2	59.8	.2	50.6	.2	40.3	.2	28.8	.2	16.0
.4	59.7	.4	50.4	.4	40.1	.4	28.5	.4	15.7
.6	59.3	.6	50.3	.6	39.8	.6	28.3	.6	15.5
.8	59.4	.8	50.1	.8	39.6	.8	28.0	.8	15.2
5.	59.2	15.	49.9	25.	39.4	35.	27.8	45.	14.9
.2	59.0	.2	49.7	.2	39.2	.2	27.5	.2	14.6
.4	58.8	.4	49.5	.4	38.9	.4	27.3	.4	14.4
.6	58.6	.6	49.3	.6	38.7	.6	27.0	.6	14.1
.8	58.4	.8	49.1	.8	38.4	.8	26.8	.8	13.9
6.	58.2	16.	48.9	26.	38.2	36.	26.5	46.	13.6
.2	58.0	.2	48.7	.2	38.0	.2	26.3	.2	13.3
.4	57.8	.4	48.5	.4	37.8	.4	26.0	.4	13.0
.6	57.7	.6	48.2	.6	37.5	.6	25.8	.6	12.8
.8	57.6	.8	48.0	.8	37.3	.8	25.5	.8	12.5
7.	57.3	17.	47.8	27.	37.1	37.	25.3	47.	12.2
.2	57.1	.2	47.6	.2	36.9	.2	25.0	.2	11.9
.4	56.9	.4	47.4	.4	36.7	.4	24.8	.4	11.6
.6	56.8	.6	47.1	.6	36.4	.6	24.5	.6	11.4
.8	56.6	.8	46.9	.8	36.2	.8	24.3	.8	11.1
8.	56.4	18.	46.7	28.	36.0	38.	24.0	48.	10.8
.2	56.2	.2	46.5	.2	35.8	.2	23.8	.2	10.5
.4	56.0	.4	46.3	.4	35.5	.4	23.5	.4	10.2
.6	55.9	.6	46.1	.6	35.3	.6	23.3	.6	10.0
.8	55.7	.8	45.9	.8	35.0	.8	23.0	.8	9.7
9.	55.5	19.	45.7	29.	34.8	39.	22.8	49.	9.4
.2	55.3	.2	45.5	.2	34.6	.2	22.5	.2	9.1
.4	55.1	.4	45.3	.4	34.4	.4	22.3	.4	8.8
.6	55.0	.6	45.1	.6	34.1	.6	22.0	.6	8.6
.8	54.8	.8	44.9	.8	33.9	.8	21.8	.8	8.3
10.	54.6	20.	44.7	30.	33.7	40.	21.5	50.	8.0

TEMPERATURE 74°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	8.0	60.	7.1	70.	24.6	80.	47.3	90.	75.8		
.2	7.7	.2	7.4	.2	25.0	.2	47.8	.2	76.4		
.4	7.4	.4	7.7	.4	25.4	.4	48.4	.4	77.0		
.6	7.2	.6	8.1	.6	25.7	.6	48.9	.6	77.6		
.8	6.9	.8	8.4	.8	26.1	.8	49.5	.8	78.2		
51.	6.6	61.	8.7	71.	26.5	81.	50.0	91.	78.8		
.2	6.3	.2	9.0	.2	26.9	.2	50.5	.2	79.4		
.4	6.0	.4	9.3	.4	27.3	.4	51.0	.4	80.0		
.6	5.8	.6	9.7	.6	27.7	.6	51.5	.6	80.5		
.8	5.5	.8	10.0	.8	28.1	.8	52.0	.8	81.1		
52.	5.2	62.	10.3	72.	28.5	82.	52.5	92.	81.7		
.2	4.9	.2	10.6	.2	28.9	.2	53.0	.2	82.3		
.4	4.6	.4	11.0	.4	29.3	.4	53.5	.4	82.8		
.6	4.3	.6	11.3	.6	29.7	.6	54.0	.6	83.4		
.8	4.0	.8	11.7	.8	30.1	.8	54.5	.8	83.9		
53.	3.7	63.	12.0	73.	30.5	83.	55.0	93.	84.5		
.2	3.4	.2	12.3	.2	30.9	.2	55.5	.2	85.0		
.4	3.1	.4	12.7	.4	31.3	.4	56.0	.4	85.6		
.6	2.8	.6	13.0	.6	31.8	.6	56.6	.6	86.1		
.8	2.5	.8	13.4	.8	32.2	.8	57.1	.8	86.7		
54.	2.2	64.	13.7	74.	32.6	84.	57.6	94.	87.2		
.2	1.9	.2	14.0	.2	33.0	.2	58.2	.2	87.7		
.4	1.6	.4	14.4	.4	33.5	.4	58.8	.4	88.3		
.6	1.4	.6	14.7	.6	33.9	.6	59.3	.6	88.8		
.8	1.1	.8	15.1	.8	34.4	.8	59.9	.8	89.4		
55.	.9	65.	15.4	75.	34.8	85.	60.5	95.	89.9		
.2	.6	.2	15.8	.2	35.3	.2	61.1	.2	90.4		
.4	.2	.4	16.1	.4	35.7	.4	61.7	.4	90.9		
.6	.2	.6	16.5	.6	36.2	.6	62.3	.6	91.5		
.8	.5	.8	16.8	.8	36.6	.8	62.9	.8	92.0		
56.	.8	66.	17.2	76.	37.1	86.	63.5	96.	92.5		
.2	1.1	.2	17.6	.2	37.6	.2	64.1	.2	93.0		
.4	1.4	.4	17.9	.4	38.0	.4	64.7	.4	93.5		
.6	1.7	.6	18.3	.6	38.5	.6	65.4	.6	93.9		
.8	2.0	.8	18.6	.8	38.9	.8	66.0	.8	94.4		
57.	2.3	67.	19.0	77.	39.4	87.	66.6	97.	94.9		
.2	2.6	.2	19.4	.2	39.9	.2	67.2	.2	95.4		
.4	2.9	.4	19.8	.4	40.4	.4	67.8	.4	95.9		
.6	3.2	.6	20.1	.6	40.9	.6	68.4	.6	96.3		
.8	3.5	.8	20.5	.8	41.4	.8	69.0	.8	96.8		
58.	3.8	68.	20.9	78.	41.9	88.	69.6	98.	97.3		
.2	4.1	.2	21.3	.2	42.4	.2	70.2	.2	97.8		
.4	4.5	.4	21.6	.4	43.0	.4	70.9	.4	98.2		
.6	4.8	.6	22.0	.6	43.5	.6	71.5	.6	98.7		
.8	5.2	.8	22.3	.8	44.1	.8	72.2	.8	99.1		
59.	5.5	69.	22.7	79.	44.6	89.	72.8	99.	99.6		
.2	5.8	.2	23.1	.2	45.1	.2	73.4	.2	100.0		
.4	6.1	.4	23.5	.4	45.7	.4	74.0	.4	—		
.6	6.5	.6	23.8	.6	46.2	.6	74.6	.6	—		
.8	6.8	.8	24.2	.8	46.8	.8	75.2	.8	—		
60.	7.1	70.	24.6	80.	47.3	90.	75.8	100.	—		

TEMPERATURE 75°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	63.3	10.	54.3	20.	44.4	30.	33.4	40.	21.1
.2	63.1	.2	54.1	.2	44.2	.2	33.2	.2	20.8
.4	63.0	.4	53.9	.4	44.0	.4	32.9	.4	20.6
.6	62.8	.6	53.8	.6	43.8	.6	32.7	.6	20.3
.8	62.7	.8	53.6	.8	43.6	.8	32.4	.8	20.1
1.	62.5	11.	53.4	21.	43.4	31.	32.2	41.	19.8
.2	62.3	.2	53.2	.2	43.2	.2	32.0	.2	19.5
.4	62.1	.4	53.0	.4	43.0	.4	31.7	.4	19.3
.6	62.0	.6	52.9	.6	42.7	.6	31.5	.6	19.0
.8	61.8	.8	52.7	.8	42.5	.8	31.2	.8	18.8
2.	61.6	12.	52.5	22.	42.3	32.	31.0	42.	18.5
.2	61.4	.2	52.3	.2	42.1	.2	30.8	.2	18.2
.4	61.2	.4	52.1	.4	41.9	.4	30.5	.4	18.0
.6	61.1	.6	51.9	.6	41.6	.6	30.3	.6	17.7
.8	60.9	.8	51.7	.8	41.4	.8	30.0	.8	17.5
3.	60.7	13.	51.5	23.	41.2	33.	29.8	43.	17.2
.2	60.5	.2	51.3	.2	41.0	.2	29.6	.2	16.9
.4	60.3	.4	51.1	.4	40.8	.4	29.4	.4	16.7
.6	60.2	.6	50.9	.6	40.5	.6	29.1	.6	16.4
.8	60.0	.8	50.7	.8	40.3	.8	28.9	.8	16.2
4.	59.8	14.	50.5	24.	40.1	34.	28.7	44.	15.9
.2	59.6	.2	50.3	.2	39.9	.2	28.5	.2	15.6
.4	59.5	.4	50.1	.4	39.7	.4	28.2	.4	15.4
.6	59.3	.6	50.0	.6	39.4	.6	28.0	.6	15.1
.8	59.2	.8	49.8	.8	39.2	.8	27.7	.8	14.9
5.	59.0	15.	49.6	25.	39.0	35.	27.5	45.	14.6
.2	58.8	.2	49.4	.2	38.8	.2	27.2	.2	14.3
.4	58.6	.4	49.2	.4	38.6	.4	27.0	.4	14.0
.6	58.4	.6	49.0	.6	38.3	.6	26.7	.6	13.8
.8	58.2	.8	48.8	.8	38.1	.8	26.5	.8	13.5
6.	58.0	16.	48.6	26.	37.9	36.	26.2	46.	13.2
.2	57.8	.2	48.4	.2	37.7	.2	26.0	.2	12.9
.4	57.6	.4	48.2	.4	37.5	.4	25.7	.4	12.6
.6	57.5	.6	47.9	.6	37.2	.6	25.5	.6	12.4
.8	57.3	.8	47.7	.8	37.0	.8	25.2	.8	12.1
7.	57.1	17.	47.5	27.	36.8	37.	25.0	47.	11.8
.2	56.9	.2	47.3	.2	36.6	.2	24.7	.2	11.5
.4	56.7	.4	47.1	.4	36.4	.4	24.5	.4	11.3
.6	56.6	.6	46.8	.6	36.1	.6	24.2	.6	11.0
.8	56.4	.8	46.6	.8	35.9	.8	24.0	.8	10.8
8.	56.2	18.	46.4	28.	35.7	38.	23.7	48.	10.5
.2	56.0	.2	46.2	.2	35.5	.2	23.4	.2	10.2
.4	55.8	.4	46.0	.4	35.2	.4	23.2	.4	9.9
.6	55.7	.6	45.9	.6	35.0	.6	22.9	.6	9.7
.8	55.5	.8	45.7	.8	34.7	.8	22.7	.8	9.4
9.	55.3	19.	45.5	29.	34.5	39.	22.4	49.	9.1
.2	55.1	.2	45.3	.2	34.3	.2	22.1	.2	8.8
.4	54.9	.4	45.1	.4	34.1	.4	21.9	.4	8.5
.6	54.7	.6	44.8	.6	33.8	.6	21.6	.6	8.2
.8	54.5	.8	44.6	.8	33.6	.8	21.4	.8	7.9
10.	54.3	20.	44.4	30.	33.4	40.	21.1	50.	7.6

TEMPERATURE 75°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	7.6	60.	7.5	70.	25.0	80.	47.8	90.	76.1		
.2	7.8	.2	7.6	.2	25.4	.2	48.3	.2	76.7		
.4	7.0	.4	8.1	.4	25.8	.4	48.8	.4	77.3		
.6	6.8	.6	8.5	.6	26.2	.6	49.4	.6	77.8		
.8	6.5	.8	8.8	.8	26.6	.8	49.9	.8	78.4		
51.	6.2	61.	9.1	71.	27.0	81.	50.4	91.	79.0		
.2	5.9	.2	9.4	.2	27.4	.2	50.9	.2	79.6		
.4	5.6	.4	9.7	.4	27.8	.4	51.4	.4	80.2		
.6	5.4	.6	10.1	.6	28.2	.6	51.9	.6	80.7		
.8	5.1	.8	10.4	.8	28.6	.8	52.4	.8	81.3		
52.	4.8	62.	10.7	72.	29.0	82.	52.9	92.	81.9		
.2	4.5	.2	11.0	.2	29.4	.2	53.4	.2	82.5		
.4	4.2	.4	11.4	.4	29.8	.4	53.9	.4	83.0		
.6	3.9	.6	11.7	.6	30.2	.6	54.4	.6	83.6		
.8	3.6	.8	12.1	.8	30.6	.8	54.9	.8	84.1		
53.	3.3	63.	12.4	73.	31.0	83.	55.4	93.	84.7		
.2	3.0	.2	12.7	.2	31.4	.2	55.9	.2	85.2		
.4	2.7	.4	13.1	.4	31.8	.4	56.4	.4	85.8		
.6	2.5	.6	13.4	.6	32.3	.6	57.0	.6	86.3		
.8	2.2	.8	13.8	.8	32.7	.8	57.5	.8	86.9		
54.	1.9	64.	14.1	74.	33.1	84.	58.0	94.	87.4		
.2	1.6	.2	14.4	.2	33.5	.2	58.6	.2	87.9		
.4	1.3	.4	14.8	.4	34.0	.4	59.1	.4	88.4		
.6	1.0	.6	15.1	.6	34.4	.6	59.7	.6	89.0		
.8	.7	.8	15.5	.8	34.9	.8	60.2	.8	89.5		
55.	.4	65.	15.8	75.	35.3	85.	60.8	95.	90.0		
.2	.1	.2	16.2	.2	35.8	.2	61.4	.2	90.5		
.4	.2	.4	16.5	.4	36.2	.4	62.0	.4	91.0		
.6	.6	.6	16.9	.6	36.7	.6	62.6	.6	91.6		
.8	.9	.8	17.2	.8	37.1	.8	63.2	.8	92.1		
56.	1.2	66.	17.6	76.	37.6	86.	63.8	96.	92.6		
.2	1.5	.2	18.0	.2	38.1	.2	64.4	.2	93.1		
.4	1.8	.4	18.3	.4	38.5	.4	65.0	.4	93.6		
.6	2.1	.6	18.7	.6	39.0	.6	65.7	.6	94.1		
.8	2.4	.8	19.0	.8	39.4	.8	66.3	.8	94.6		
57.	2.7	67.	19.4	77.	39.9	87.	66.9	97.	95.1		
.2	3.0	.2	19.8	.2	40.4	.2	67.6	.2	95.6		
.4	3.3	.4	20.2	.4	40.9	.4	68.1	.4	96.1		
.6	3.6	.6	20.5	.6	41.4	.6	68.7	.6	96.5		
.8	3.9	.8	20.9	.8	41.9	.8	69.3	.8	97.0		
58.	4.2	68.	21.3	78.	42.4	88.	69.9	98.	97.5		
.2	4.5	.2	21.7	.2	42.9	.2	70.5	.2	98.0		
.4	4.9	.4	22.0	.4	43.5	.4	71.1	.4	98.4		
.6	5.2	.6	22.4	.6	44.0	.6	71.8	.6	98.9		
.8	5.6	.8	22.7	.8	44.6	.8	72.4	.8	99.3		
59.	5.9	69.	23.1	79.	45.1	89.	73.0	99.	99.8		
.2	6.2	.2	23.5	.2	45.6	.2	73.6	.2	—		
.4	6.5	.4	23.9	.4	46.2	.4	74.2	.4	—		
.6	6.9	.6	24.2	.6	46.7	.6	74.9	.6	—		
.8	7.2	.8	24.6	.8	47.3	.8	75.5	.8	—		
60.	7.5	70.	25.0	80.	47.8	90.	76.1	100.	—		

TEMPERATURE 76°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	63.0	10.	54.0	20.	44.1	30.	33.1	40.	20.8
.2	62.8	.2	53.8	.2	43.9	.2	32.9	.2	20.5
.4	62.7	.4	53.6	.4	43.7	.4	32.6	.4	20.3
.6	62.5	.6	53.5	.6	43.5	.6	32.4	.6	20.0
.8	62.4	.8	53.3	.8	43.3	.8	32.1	.8	19.8
1.	62.2	11.	53.1	21.	43.1	31.	31.9	41.	19.5
.2	62.0	.2	52.9	.2	42.9	.2	31.7	.2	19.2
.4	61.8	.4	52.7	.4	42.7	.4	31.4	.4	19.0
.6	61.7	.6	52.6	.6	42.4	.6	31.2	.6	18.7
.8	61.5	.8	52.4	.8	42.2	.8	30.9	.8	18.5
2.	61.3	12.	52.2	22.	42.0	32.	30.7	42.	18.2
.2	61.1	.2	52.0	.2	41.8	.2	30.5	.2	17.9
.4	60.9	.4	51.8	.4	41.6	.4	30.2	.4	17.7
.6	60.8	.6	51.6	.6	41.3	.6	30.0	.6	17.4
.8	60.6	.8	51.4	.8	41.1	.8	29.7	.8	17.2
3.	60.4	13.	51.2	23.	40.9	33.	29.5	43.	16.9
.2	60.2	.2	51.0	.2	40.7	.2	29.3	.2	16.6
.4	60.1	.4	50.8	.4	40.5	.4	29.0	.4	16.4
.6	59.9	.6	50.6	.6	40.2	.6	28.8	.6	16.1
.8	59.8	.8	50.4	.8	40.0	.8	28.5	.8	15.9
4.	59.6	14.	50.2	24.	39.8	34.	28.3	44.	15.6
.2	59.4	.2	50.0	.2	39.6	.2	28.1	.2	15.3
.4	59.2	.4	49.8	.4	39.4	.4	27.8	.4	15.1
.6	59.1	.6	49.6	.6	39.1	.6	27.6	.6	14.8
.8	58.9	.8	49.4	.8	38.9	.8	27.3	.8	14.6
5.	58.7	15.	49.2	25.	38.7	35.	27.1	45.	14.3
.2	58.5	.2	49.0	.2	38.5	.2	26.9	.2	14.0
.4	58.3	.4	48.8	.4	38.3	.4	26.6	.4	13.7
.6	58.2	.6	48.6	.6	38.0	.6	26.4	.6	13.5
.8	58.0	.8	48.4	.8	37.8	.8	26.1	.8	13.2
6.	57.8	16.	48.2	26.	37.6	36.	25.9	46.	12.9
.2	57.6	.2	48.0	.2	37.4	.2	25.7	.2	12.6
.4	57.4	.4	47.8	.4	37.2	.4	25.4	.4	12.3
.6	57.2	.6	47.6	.6	36.9	.6	25.2	.6	12.1
.8	57.0	.8	47.4	.8	36.7	.8	24.9	.8	11.8
7.	56.8	17.	47.2	27.	36.5	37.	24.7	47.	11.5
.2	56.6	.2	47.0	.2	36.3	.2	24.4	.2	11.2
.4	56.4	.4	46.8	.4	36.1	.4	24.2	.4	10.9
.6	56.3	.6	46.6	.6	35.8	.6	23.9	.6	10.7
.8	56.1	.8	46.4	.8	35.6	.8	23.7	.8	10.4
8.	55.9	18.	46.2	28.	35.4	38.	23.4	48.	10.1
.2	55.7	.2	46.0	.2	35.2	.2	23.1	.2	9.8
.4	55.5	.4	45.8	.4	34.9	.4	22.9	.4	9.5
.6	55.4	.6	45.6	.6	34.7	.6	22.6	.6	9.3
.8	55.2	.8	45.4	.8	34.4	.8	22.4	.8	9.0
9.	55.0	19.	45.2	29.	34.2	39.	22.1	49.	8.7
.2	54.8	.2	45.0	.2	34.0	.2	21.8	.2	8.4
.4	54.6	.4	44.8	.4	33.8	.4	21.6	.4	8.1
.6	54.4	.6	44.5	.6	33.5	.6	21.3	.6	7.8
.8	54.2	.8	44.3	.8	33.3	.8	21.1	.8	7.5
10.	54.0	20.	44.1	30.	33.1	40.	20.8	50.	7.2

TEMPERATURE 76°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	7.8	60.	7.9	70.	23.4	80.	48.4	90.	70.3		
.2	6.0	.2	8.2	.2	25.8	.2	48.0	.2	70.9		
.4	6.0	.4	8.5	.4	26.2	.4	49.4	.4	77.5		
.6	6.4	.6	8.9	.6	26.6	.6	49.9	.6	78.0		
.8	6.1	.8	9.2	.8	27.0	.8	50.4	.8	78.6		
51.	5.8	61.	9.5	71.	27.4	81.	50.9	91.	79.2		
.2	5.5	.2	9.8	.2	27.8	.2	51.4	.2	79.8		
.4	6.2	.4	10.1	.4	28.2	.4	51.9	.4	80.4		
.6	5.0	.6	10.5	.6	28.6	.6	52.3	.6	80.0		
.8	4.7	.8	10.8	.8	29.0	.8	52.8	.8	81.5		
52.	4.4	62.	11.1	72.	29.4	82.	53.3	92.	82.1		
.2	4.1	.2	11.4	.2	29.8	.2	53.8	.2	82.6		
.4	3.8	.4	11.8	.4	30.2	.4	54.3	.4	83.2		
.6	3.6	.6	12.1	.6	30.7	.6	54.7	.6	83.7		
.8	3.3	.8	12.5	.8	31.1	.8	55.2	.8	84.3		
53.	3.0	63.	12.8	73.	31.5	83.	55.7	93.	84.8		
.2	2.7	.2	13.1	.2	31.9	.2	56.2	.2	85.4		
.4	2.4	.4	13.5	.4	32.3	.4	56.7	.4	85.9		
.6	2.1	.6	13.8	.6	32.8	.6	57.3	.6	86.5		
.8	1.8	.8	14.2	.8	33.2	.8	57.8	.8	87.0		
54.	1.5	64.	14.6	74.	33.6	84.	58.3	94.	87.6		
.2	1.2	.2	14.8	.2	34.0	.2	58.9	.2	88.1		
.4	.9	.4	15.2	.4	34.5	.4	59.4	.4	88.6		
.6	.6	.6	15.5	.6	34.9	.6	60.0	.6	89.2		
.8	.3	.8	15.9	.8	35.4	.8	60.5	.8	89.7		
55.		65.	16.2	75.	35.8	85.	61.1	95.	90.2		
.2	.3	.2	16.6	.2	36.3	.2	61.7	.2	90.7		
.4	.6	.4	16.9	.4	36.7	.4	62.3	.4	91.2		
.6	.9	.6	17.3	.6	37.2	.6	62.9	.6	91.8		
.8	1.2	.8	17.6	.8	37.6	.8	63.5	.8	92.3		
56.	1.5	66.	18.0	76.	38.1	86.	64.1	96.	92.8		
.2	1.8	.2	18.4	.2	38.6	.2	64.7	.2	93.3		
.4	2.1	.4	18.7	.4	39.0	.4	65.3	.4	93.8		
.6	2.5	.6	19.1	.6	39.5	.6	65.9	.6	94.2		
.8	2.8	.8	19.4	.8	39.9	.8	66.5	.8	94.7		
57.	3.1	67.	19.8	77.	40.4	87.	67.1	97.	95.2		
.2	3.4	.2	20.2	.2	40.9	.2	67.7	.2	95.7		
.4	3.7	.4	20.6	.4	41.4	.4	68.3	.4	96.2		
.6	4.0	.6	20.9	.6	41.9	.6	69.0	.6	96.6		
.8	4.3	.8	21.3	.8	42.4	.8	69.6	.8	97.1		
58.	4.6	68.	21.7	78.	42.9	88.	70.2	98.	97.6		
.2	4.9	.2	22.1	.2	43.4	.2	70.8	.2	98.1		
.4	5.3	.4	22.4	.4	44.0	.4	71.4	.4	98.5		
.6	5.6	.6	22.8	.6	44.5	.6	72.1	.6	99.0		
.8	6.0	.8	23.1	.8	45.1	.8	72.7	.8	99.4		
59.	6.3	69.	23.5	79.	45.6	89.	73.3	99.	99.9		
.2	6.6	.2	23.9	.2	46.2	.2	73.9	.2	—		
.4	6.9	.4	24.3	.4	46.7	.4	74.5	.4	—		
.6	7.3	.6	24.6	.6	47.3	.6	75.1	.6	—		
.8	7.6	.8	25.0	.8	47.8	.8	75.7	.8	—		
60.	7.9	70.	25.4	80.	48.4	90.	76.3	100.	—		

TEMPERATURE 77°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	62.7	10.	53.7	20.	43.8	30.	32.7	40.	20.4
.2	62.5	.2	53.5	.2	43.6	.2	32.5	.2	20.2
.4	62.4	.4	53.3	.4	43.4	.4	32.3	.4	19.9
.6	62.2	.6	53.2	.6	43.2	.6	32.0	.6	19.7
.8	62.1	.8	53.0	.8	43.0	.8	31.8	.8	19.4
1.	61.9	11.	52.8	21.	42.8	31.	31.6	41.	19.2
.2	61.7	.2	52.6	.2	42.6	.2	31.4	.2	18.9
.4	61.5	.4	52.4	.4	42.4	.4	31.1	.4	18.7
.6	61.4	.6	52.3	.6	42.1	.6	30.9	.6	18.4
.8	61.2	.8	52.1	.8	41.9	.8	30.6	.8	18.2
2.	61.0	12.	51.9	22.	41.7	32.	30.4	42.	17.9
.2	60.8	.2	51.7	.2	41.5	.2	30.2	.2	17.6
.4	60.7	.4	51.5	.4	41.3	.4	29.9	.4	17.4
.6	60.5	.6	51.4	.6	41.0	.6	29.7	.6	17.1
.8	60.4	.8	51.2	.8	40.8	.8	29.4	.8	16.9
3.	60.2	13.	51.0	23.	40.6	33.	29.2	43.	16.6
.2	60.0	.2	50.8	.2	40.4	.2	29.0	.2	16.3
.4	59.8	.4	50.6	.4	40.2	.4	28.7	.4	16.0
.6	59.7	.6	50.4	.6	39.9	.6	28.5	.6	15.8
.8	59.5	.8	50.2	.8	39.7	.8	28.2	.8	15.5
4.	59.3	14.	50.0	24.	39.5	34.	28.0	44.	15.2
.2	59.1	.2	49.8	.2	39.3	.2	27.8	.2	14.9
.4	58.9	.4	49.6	.4	39.1	.4	27.5	.4	14.7
.6	58.8	.6	49.4	.6	38.8	.6	27.3	.6	14.4
.8	58.6	.8	49.2	.8	38.6	.8	27.0	.8	14.2
5.	58.4	15.	49.0	25.	38.4	35.	26.8	45.	13.9
.2	58.2	.2	48.8	.2	38.2	.2	26.5	.2	13.6
.4	58.0	.4	48.6	.4	38.0	.4	26.3	.4	13.3
.6	57.9	.6	48.3	.6	37.7	.6	26.0	.6	13.1
.8	57.7	.8	48.1	.8	37.5	.8	25.8	.8	12.8
6.	57.5	16.	47.9	26.	37.3	36.	25.5	46.	12.5
.2	57.3	.2	47.7	.2	37.1	.2	25.3	.2	12.2
.4	57.1	.4	47.5	.4	36.9	.4	25.0	.4	11.9
.6	56.9	.6	47.3	.6	36.6	.6	24.8	.6	11.7
.8	56.7	.8	47.1	.8	36.4	.8	24.5	.8	11.4
7.	56.5	17.	46.9	27.	36.2	37.	24.3	47.	11.1
.2	56.3	.2	46.7	.2	36.0	.2	24.0	.2	10.8
.4	56.1	.4	46.5	.4	35.7	.4	23.8	.4	10.5
.6	56.0	.6	46.3	.6	35.5	.6	23.5	.6	10.3
.8	55.8	.8	46.1	.8	35.2	.8	23.3	.8	10.0
8.	55.6	18.	45.9	28.	35.0	38.	23.0	48.	9.7
.2	55.4	.2	45.7	.2	34.8	.2	22.7	.2	9.4
.4	55.3	.4	45.5	.4	34.6	.4	22.5	.4	9.1
.6	55.1	.6	45.3	.6	34.3	.6	22.3	.6	8.9
.8	54.9	.8	45.1	.8	34.1	.8	22.0	.8	8.6
9.	54.7	19.	44.9	29.	33.9	39.	21.7	49.	8.3
.2	54.5	.2	44.7	.2	33.7	.2	21.4	.2	8.0
.4	54.3	.4	44.5	.4	33.4	.4	21.2	.4	7.7
.6	54.1	.6	44.2	.6	33.2	.6	20.9	.6	7.5
.8	53.9	.8	44.0	.8	32.9	.8	20.7	.8	7.2
10.	53.7	20.	43.8	30.	32.7	40.	20.4	50.	6.9

TEMPERATURE 77.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	6.9	60.	8.3	70.	25.8	80.	48.0	90.	70.5		
.2	6.6	.2	8.6	.2	26.2	.2	49.4	.2	77.1		
.4	6.3	.4	8.0	.4	26.6	.4	49.9	.4	77.7		
.6	6.0	.6	9.3	.6	27.0	.6	50.4	.6	78.2		
.8	5.7	.8	9.6	.8	27.4	.8	50.0	.8	78.8		
51.	5.4	61.	9.9	71.	27.8	81.	51.4	91.	79.4		
.2	5.1	.2	10.2	.2	28.2	.2	51.9	.2	80.0		
.4	4.8	.4	10.5	.4	28.6	.4	52.3	.4	80.6		
.6	4.6	.6	10.9	.6	29.0	.6	52.8	.6	81.1		
.8	4.3	.8	11.2	.8	29.4	.8	53.2	.8	81.7		
52.	4.0	62.	11.5	72.	29.8	82.	53.7	92.	82.3		
.2	3.7	.2	11.8	.2	30.2	.2	54.2	.2	82.8		
.4	3.4	.4	12.2	.4	30.6	.4	54.7	.4	83.4		
.6	3.2	.6	12.5	.6	31.1	.6	55.1	.6	83.9		
.8	2.9	.8	12.9	.8	31.5	.8	55.6	.8	84.5		
53.	2.6	63.	13.2	73.	31.9	83.	56.1	93.	85.0		
.2	2.3	.2	13.5	.2	32.3	.2	56.6	.2	85.5		
.4	2.0	.4	13.9	.4	32.7	.4	57.1	.4	86.1		
.6	1.7	.6	14.2	.6	33.2	.6	57.7	.6	86.6		
.8	1.4	.8	14.6	.8	33.6	.8	58.2	.8	87.2		
54.	1.1	64.	14.9	74.	34.0	84.	58.7	94.	87.7		
.2	.8	.2	15.2	.2	34.5	.2	59.3	.2	88.2		
.4	.5	.4	15.6	.4	34.9	.4	59.8	.4	88.8		
.6	.2	.6	15.9	.6	35.4	.6	60.4	.6	89.3		
.8	.1	.8	16.3	.8	35.8	.8	60.9	.8	89.9		
55.	.4	65.	16.6	75.	36.3	85.	61.5	95.	90.4		
.2	.7	.2	17.0	.2	36.8	.2	62.1	.2	90.9		
.4	1.0	.4	17.3	.4	37.2	.4	62.7	.4	91.4		
.6	1.3	.6	17.7	.6	37.7	.6	63.3	.6	91.9		
.8	1.6	.8	18.0	.8	38.1	.8	63.9	.8	92.4		
56.	1.9	66.	18.4	76.	38.6	86.	64.5	96.	92.9		
.2	2.2	.2	18.8	.2	39.1	.2	65.1	.2	93.4		
.4	2.5	.4	19.1	.4	39.5	.4	65.7	.4	93.9		
.6	2.8	.6	19.5	.6	40.0	.6	66.2	.6	94.3		
.8	3.1	.8	19.8	.8	40.4	.8	66.8	.8	94.8		
57.	3.4	67.	20.2	77.	40.9	87.	67.4	97.	95.3		
.2	3.7	.2	20.6	.2	41.4	.2	68.0	.2	95.8		
.4	4.0	.4	20.9	.4	41.9	.4	68.6	.4	96.3		
.6	4.4	.6	21.3	.6	42.4	.6	69.2	.6	96.7		
.8	4.7	.8	21.6	.8	42.9	.8	69.8	.8	97.2		
58.	5.0	68.	22.0	78.	43.4	88.	70.4	98.	97.7		
.2	5.3	.2	22.4	.2	44.0	.2	71.0	.2	98.2		
.4	5.7	.4	22.8	.4	44.5	.4	71.6	.4	98.6		
.6	6.0	.6	23.1	.6	45.1	.6	72.3	.6	99.1		
.8	6.4	.8	23.5	.8	45.6	.8	72.9	.8	99.5		
59.	6.7	69.	23.9	79.	46.2	89.	73.5	99.	100.0		
.2	7.0	.2	24.3	.2	46.7	.2	74.1	.2	—		
.4	7.3	.4	24.7	.4	47.3	.4	74.7	.4	—		
.6	7.7	.6	25.0	.6	47.8	.6	75.3	.6	—		
.8	8.0	.8	25.4	.8	48.4	.8	75.9	.8	—		
60.	8.3	70.	25.8	80.	48.9	90.	76.5	100.	—		

TEMPERATURE 78°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
9.	62.5	10.	53.5	20.	43.5	30.	32.4	40.	20.1
.2	62.3	.2	53.3	.2	43.3	.2	32.2	.2	19.8
.4	62.2	.4	53.1	.4	43.1	.4	31.9	.4	19.6
.6	62.0	.6	53.0	.6	42.8	.6	31.7	.6	19.3
.8	61.9	.8	52.8	.8	42.6	.8	31.4	.8	19.1
1.	61.7	11.	52.6	31.	42.4	31.	31.2	41.	18.8
.2	61.5	.2	52.4	.2	42.2	.2	31.0	.2	18.5
.4	61.3	.4	52.2	.4	42.0	.4	30.7	.4	18.3
.6	61.2	.6	52.0	.6	41.8	.6	30.5	.6	18.0
.8	61.0	.8	51.8	.8	41.6	.8	30.2	.8	17.8
2.	60.8	12.	51.6	22.	41.4	32.	30.0	42.	17.5
.2	60.6	.2	51.4	.2	41.2	.2	29.8	.2	17.2
.4	60.5	.4	51.2	.4	41.0	.4	29.5	.4	17.0
.6	60.3	.6	51.1	.6	40.7	.6	29.3	.6	16.7
.8	60.2	.8	50.9	.8	40.5	.8	29.0	.8	16.5
3.	60.0	13.	50.7	23.	40.3	33.	28.8	43.	16.2
.2	59.8	.2	50.5	.2	40.1	.2	28.6	.2	15.9
.4	59.6	.4	50.3	.4	39.9	.4	28.3	.4	15.7
.6	59.5	.6	50.1	.6	39.6	.6	28.1	.6	15.4
.8	59.3	.8	49.9	.8	39.4	.8	27.8	.8	15.2
4.	59.1	14.	49.7	24.	39.2	34.	27.6	44.	14.9
.2	58.9	.2	49.5	.2	39.0	.2	27.4	.2	14.6
.4	58.7	.4	49.3	.4	38.8	.4	27.1	.4	14.3
.6	58.6	.6	49.1	.6	38.5	.6	26.9	.6	14.1
.8	58.4	.8	48.9	.8	38.3	.8	26.6	.8	13.8
5.	58.2	15.	48.7	25.	38.1	35.	26.4	45.	13.5
.2	58.0	.2	48.5	.2	37.9	.2	26.2	.2	13.2
.4	57.8	.4	48.3	.4	37.7	.4	25.9	.4	13.0
.6	57.7	.6	48.0	.6	37.4	.6	25.7	.6	12.7
.8	57.5	.8	47.8	.8	37.2	.8	25.4	.8	12.5
6.	57.3	16.	47.6	26.	37.0	36.	25.2	46.	12.2
.2	57.1	.2	47.4	.2	36.8	.2	24.9	.2	11.9
.4	56.9	.4	47.2	.4	36.6	.4	24.7	.4	11.6
.6	56.7	.6	47.0	.6	36.3	.6	24.4	.6	11.4
.8	56.5	.8	46.8	.8	36.1	.8	24.2	.8	11.1
7.	56.3	17.	46.6	27.	35.9	37.	23.9	47.	10.8
.2	56.1	.2	46.4	.2	35.7	.2	23.6	.2	10.5
.4	55.9	.4	46.2	.4	35.4	.4	23.4	.4	10.2
.6	55.8	.6	46.0	.6	35.2	.6	23.1	.6	10.0
.8	55.6	.8	45.8	.8	34.9	.8	22.9	.8	9.7
8.	55.4	18.	45.6	28.	34.7	38.	22.6	48.	9.4
.2	55.2	.2	45.4	.2	34.5	.2	22.3	.2	9.1
.4	55.0	.4	45.2	.4	34.3	.4	22.1	.4	8.8
.6	54.9	.6	45.0	.6	34.0	.6	21.8	.6	8.6
.8	54.7	.8	44.8	.8	33.8	.8	21.6	.8	8.3
9.	54.5	19.	44.6	29.	33.6	39.	21.3	49.	8.0
.2	54.3	.2	44.4	.2	33.4	.2	21.1	.2	7.7
.4	54.1	.4	44.2	.4	33.1	.4	20.8	.4	7.4
.6	53.9	.6	43.9	.6	32.9	.6	20.6	.6	7.2
.8	53.7	.8	43.7	.8	32.6	.8	20.3	.8	6.9
10.	53.5	20.	43.5	30.	32.4	40.	20.1	50.	6.6

TEMPERATURE 78°.

Wts. & Divs. on Stem.	Per Cent. over P. roof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	6.6	60.	8.7	70.	26.8	80.	49.4	90.	76.7
.2	6.3	.2	9.0	.2	26.7	.2	49.9	.2	77.3
.4	6.0	.4	9.3	.4	27.1	.4	50.4	.4	77.9
.6	5.7	.6	9.7	.6	27.5	.6	50.8	.6	78.4
.8	5.4	.8	10.0	.8	27.9	.8	51.3	.8	79.0
51.	5.1	61.	10.3	71.	28.3	81.	51.8	91.	79.6
.2	4.8	.2	10.6	.2	28.7	.2	52.3	.2	80.2
.4	4.5	.4	10.9	.4	29.1	.4	52.7	.4	80.8
.6	4.3	.6	11.3	.6	29.5	.6	53.2	.6	81.3
.8	4.0	.8	11.6	.8	29.9	.8	53.6	.8	81.9
52.	3.7	62.	11.9	72.	30.3	82.	54.1	92.	82.5
.2	3.4	.2	12.3	.2	30.7	.2	54.6	.2	83.0
.4	3.1	.4	12.6	.4	31.1	.4	55.1	.4	83.6
.6	2.8	.6	13.0	.6	31.6	.6	55.5	.6	84.1
.8	2.5	.8	13.3	.8	32.0	.8	56.0	.8	84.7
53.	2.2	63.	13.7	73.	32.4	83.	56.5	93.	85.2
.2	1.9	.2	14.0	.2	32.8	.2	57.0	.2	85.7
.4	1.6	.4	14.3	.4	33.2	.4	57.5	.4	86.3
.6	1.4	.6	14.7	.6	33.7	.6	58.0	.6	86.8
.8	1.1	.8	15.0	.8	34.1	.8	58.5	.8	87.4
54.	.8	64.	15.3	74.	34.5	84.	59.0	94.	87.9
.2	.5	.2	15.7	.2	35.0	.2	59.6	.2	88.4
.4	.2	.4	16.0	.4	35.4	.4	60.1	.4	88.9
.6	.2	.6	16.4	.6	35.9	.6	60.7	.6	89.5
.8	.5	.8	16.7	.8	36.3	.8	61.2	.8	90.0
55.	.8	65.	17.1	75.	36.8	85.	61.8	95.	90.5
.2	1.1	.2	17.5	.2	37.3	.2	62.4	.2	91.0
.4	1.4	.4	17.8	.4	37.7	.4	63.0	.4	91.5
.6	1.7	.6	18.2	.6	38.2	.6	63.6	.6	92.1
.8	2.0	.8	18.5	.8	38.6	.8	64.2	.8	92.6
56.	2.3	66.	18.9	76.	39.1	86.	64.8	96.	93.1
.2	2.6	.2	19.3	.2	39.6	.2	65.4	.2	93.6
.4	2.9	.4	19.6	.4	40.0	.4	66.0	.4	94.1
.6	3.2	.6	20.0	.6	40.5	.6	66.5	.6	94.5
.8	3.5	.8	20.3	.8	40.9	.8	67.1	.8	95.0
57.	3.8	67.	20.7	77.	41.4	87.	67.7	97.	95.5
.2	4.1	.2	21.1	.2	41.9	.2	68.3	.2	96.0
.4	4.4	.4	21.4	.4	42.4	.4	68.9	.4	96.5
.6	4.8	.6	21.8	.6	43.0	.6	69.5	.6	96.9
.8	5.1	.8	22.1	.8	43.5	.8	70.1	.8	97.4
58.	5.4	68.	22.5	78.	44.0	88.	70.7	98.	97.9
.2	5.7	.2	22.9	.2	44.5	.2	71.3	.2	98.3
.4	6.1	.4	23.3	.4	45.1	.4	71.9	.4	98.8
.6	6.4	.6	23.6	.6	45.6	.6	72.6	.6	99.2
.8	6.8	.8	24.0	.8	46.2	.8	73.2	.8	99.7
59.	7.1	69.	24.4	79.	46.7	89.	73.8	99.	—
.2	7.4	.2	24.8	.2	47.3	.2	74.4	.2	—
.4	7.7	.4	25.2	.4	47.8	.4	75.0	.4	—
.6	8.1	.6	25.5	.6	48.3	.6	75.5	.6	—
.8	8.4	.8	25.9	.8	48.9	.8	76.1	.8	—
60.	8.7	70.	26.3	80.	49.4	90.	76.7	100.	—

TEMPERATURE 79°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
9.	63.3	10.	53.2	20.	43.3	30.	32.0	40.	19.7
.2	62.1	.2	53.0	.2	43.0	.2	31.8	.2	19.6
.4	61.9	.4	52.8	.4	42.8	.4	31.6	.4	19.2
.6	61.8	.6	52.7	.6	42.5	.6	31.3	.6	19.0
.8	61.6	.8	52.5	.8	42.3	.8	31.1	.8	18.7
1.	61.4	11.	52.3	21.	42.1	31.	30.0	41.	18.5
.2	61.2	.2	52.1	.2	41.9	.2	30.7	.2	18.2
.4	61.0	.4	51.9	.4	41.7	.4	30.4	.4	18.0
.6	60.9	.6	51.7	.6	41.5	.6	30.2	.6	17.7
.8	60.7	.8	51.5	.8	41.3	.8	29.9	.8	17.5
2.	60.5	12.	51.3	22.	41.1	32.	29.7	42.	17.2
.2	60.3	.2	51.1	.2	40.9	.2	29.5	.2	16.9
.4	60.2	.4	50.9	.4	40.7	.4	29.2	.4	16.7
.6	60.0	.6	50.8	.6	40.4	.6	29.0	.6	16.4
.8	59.9	.8	50.6	.8	40.2	.8	28.7	.8	16.2
3.	59.7	13.	50.4	23.	40.0	33.	28.5	43.	15.9
.2	59.5	.2	50.2	.2	39.8	.2	28.3	.2	15.6
.4	59.3	.4	50.0	.4	39.6	.4	28.0	.4	15.4
.6	59.2	.6	49.8	.6	39.3	.6	27.8	.6	15.1
.8	59.0	.8	49.6	.8	39.1	.8	27.5	.8	14.9
4.	58.8	14.	49.4	24.	38.9	34.	27.3	44.	14.6
.2	58.6	.2	49.2	.2	38.7	.2	27.1	.2	14.3
.4	58.4	.4	49.0	.4	38.5	.4	26.8	.4	14.0
.6	58.3	.6	48.8	.6	38.2	.6	26.6	.6	13.8
.8	58.1	.8	48.6	.8	38.0	.8	26.3	.8	13.5
5.	57.9	15.	48.4	25.	37.8	35.	26.1	45.	13.2
.2	57.7	.2	48.2	.2	37.6	.2	25.9	.2	12.9
.4	57.5	.4	48.0	.4	37.4	.4	25.6	.4	12.6
.6	57.4	.6	47.7	.6	37.1	.6	25.4	.6	12.4
.8	57.2	.8	47.5	.8	36.9	.8	25.1	.8	12.1
6.	57.0	16.	47.3	26.	36.7	36.	24.9	46.	11.8
.2	56.9	.2	47.1	.2	36.5	.2	24.6	.2	11.5
.4	56.6	.4	46.9	.4	36.3	.4	24.4	.4	11.2
.6	56.4	.6	46.7	.6	36.0	.6	24.1	.6	11.0
.8	56.2	.8	46.5	.8	35.8	.8	23.9	.8	10.7
7.	56.0	17.	46.3	27.	35.6	37.	23.6	47.	10.4
.2	55.8	.2	46.1	.2	35.4	.2	23.3	.2	10.1
.4	55.6	.4	45.9	.4	35.1	.4	23.1	.4	9.8
.6	55.5	.6	45.7	.6	34.9	.6	22.8	.6	9.6
.8	55.3	.8	45.5	.8	34.6	.8	22.6	.8	9.3
8.	55.1	18.	45.3	28.	34.4	38.	22.3	48.	9.0
.2	54.9	.2	45.1	.2	34.2	.2	22.0	.2	8.7
.4	54.7	.4	44.9	.4	33.9	.4	21.8	.4	8.4
.6	54.6	.6	44.7	.6	33.7	.6	21.5	.6	8.2
.8	54.4	.8	44.5	.8	33.4	.8	21.3	.8	7.9
9.	54.2	19.	44.3	29.	33.2	39.	21.0	49.	7.6
.2	54.0	.2	44.1	.2	33.0	.2	20.7	.2	7.3
.4	53.8	.4	43.9	.4	32.7	.4	20.5	.4	7.0
.6	53.6	.6	43.6	.6	32.5	.6	20.2	.6	6.8
.8	53.4	.8	43.4	.8	32.2	.8	20.0	.8	6.5
10.	53.2	20.	43.2	30.	32.0	40.	19.7	50.	6.2

TEMPERATURE 79°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	6.2	60.	9.1	70.	20.7	80.	49.9	90.	77.0
.2	5.9	.2	9.4	.2	27.1	.2	50.4	.2	77.0
.4	5.6	.4	9.7	.4	27.5	.4	50.8	.4	78.1
.6	5.4	.6	10.1	.6	27.9	.6	51.2	.6	78.7
.8	5.1	.8	10.4	.8	28.3	.8	51.7	.8	79.2
51.	4.8	61.	10.7	71.	28.7	81.	52.2	91.	79.8
.2	4.5	.2	11.0	.2	29.1	.2	52.7	.2	80.4
.4	4.2	.4	11.3	.4	29.5	.4	53.1	.4	80.9
.6	3.9	.6	11.7	.6	29.9	.6	53.6	.6	81.5
.8	3.6	.8	12.0	.8	30.3	.8	54.0	.8	82.0
52.	3.3	62.	12.3	72.	30.7	82.	54.5	92.	82.6
.2	3.0	.2	12.6	.2	31.1	.2	55.0	.2	83.2
.4	2.7	.4	13.0	.4	31.5	.4	55.5	.4	83.7
.6	2.5	.6	13.3	.6	32.0	.6	55.9	.6	84.3
.8	2.2	.8	13.7	.8	32.4	.8	56.4	.8	84.8
53.	1.9	63.	14.0	73.	32.8	83.	56.9	93.	85.4
.2	1.6	.2	14.3	.2	33.2	.2	57.4	.2	85.9
.4	1.3	.4	14.7	.4	33.7	.4	57.9	.4	86.5
.6	1.0	.6	15.0	.6	34.1	.6	58.4	.6	87.0
.8	.7	.8	15.4	.8	34.6	.8	58.9	.8	87.6
54.	.4	64.	15.7	74.	35.0	84.	59.4	94.	88.1
.2	.1	.2	16.1	.2	35.4	.2	59.9	.2	88.6
.4	.2	.4	16.4	.4	35.9	.4	60.5	.4	89.1
.6	.5	.6	16.8	.6	36.4	.6	61.0	.6	89.7
.8	.8	.8	17.1	.8	36.8	.8	61.6	.8	90.2
55.	1.1	65.	17.5	75.	37.3	85.	62.1	95.	90.7
.2	1.4	.2	17.9	.2	37.8	.2	62.7	.2	91.2
.4	1.7	.4	18.2	.4	38.2	.4	63.3	.4	91.7
.6	2.1	.6	18.6	.6	38.7	.6	63.9	.6	92.2
.8	2.4	.8	18.9	.8	39.1	.8	64.5	.8	92.7
56.	2.7	66.	19.3	76.	39.6	86.	65.1	96.	93.2
.2	3.0	.2	19.7	.2	40.1	.2	65.7	.2	93.7
.4	3.3	.4	20.0	.4	40.5	.4	66.3	.4	94.2
.6	3.6	.6	20.4	.6	41.0	.6	66.8	.6	94.6
.8	3.9	.8	20.7	.8	41.4	.8	67.4	.8	95.1
57.	4.2	67.	21.1	77.	41.9	87.	68.0	97.	95.6
.2	4.5	.2	21.5	.2	42.4	.2	68.6	.2	96.1
.4	4.8	.4	21.8	.4	42.9	.4	69.2	.4	96.6
.6	5.2	.6	22.2	.6	43.5	.6	69.7	.6	97.0
.8	5.5	.8	22.5	.8	44.0	.8	70.3	.8	97.5
58.	5.8	68.	22.9	78.	44.5	88.	70.9	98.	98.0
.2	6.1	.2	23.3	.2	45.0	.2	71.5	.2	98.5
.4	6.4	.4	23.7	.4	45.6	.4	72.1	.4	98.9
.6	6.8	.6	24.0	.6	46.1	.6	72.6	.6	99.4
.8	7.1	.8	24.4	.8	46.7	.8	73.4	.8	99.8
59.	7.4	69.	24.8	79.	47.2	89.	74.0	99.	—
.2	7.7	.2	25.2	.2	47.7	.2	74.6	.2	—
.4	8.1	.4	25.6	.4	48.3	.4	75.2	.4	—
.6	8.4	.6	25.9	.6	48.8	.6	75.8	.6	—
.8	8.8	.8	26.3	.8	49.4	.8	76.4	.8	—
60.	9.1	70.	26.7	80.	49.9	90.	77.0	100.	—

TEMPERATURE 80°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	62.0	10.	52.0	20.	42.0	30.	31.7	40.	19.4
.2	61.8	.2	52.7	.2	42.7	.2	31.5	.2	19.1
.4	61.6	.4	52.5	.4	42.5	.4	31.3	.4	18.9
.6	61.5	.6	52.4	.6	42.2	.6	31.0	.6	18.6
.8	61.3	.8	52.2	.8	42.0	.8	30.8	.8	18.1
1.	61.1	11.	52.0	21.	41.8	31.	30.6	41.	18.1
.2	60.9	.2	51.8	.2	41.6	.2	30.4	.2	17.8
.4	60.7	.4	51.6	.4	41.4	.4	30.1	.4	17.6
.6	60.6	.6	51.4	.6	41.2	.6	29.9	.6	17.3
.8	60.4	.8	51.2	.8	41.0	.8	29.6	.8	17.1
2.	60.2	12.	51.0	22.	40.8	32.	29.4	42.	16.8
.2	60.0	.2	50.8	.2	40.6	.2	29.2	.2	16.5
.4	59.9	.4	50.6	.4	40.4	.4	28.9	.4	16.3
.6	59.7	.6	50.5	.6	40.1	.6	28.7	.6	16.0
.8	59.6	.8	50.3	.8	39.9	.8	28.4	.8	15.8
3.	59.4	13.	50.1	23.	39.7	33.	28.2	43.	15.5
.2	59.2	.2	49.9	.2	39.5	.2	28.0	.2	15.2
.4	59.0	.4	49.7	.4	39.3	.4	27.7	.4	15.0
.6	58.9	.6	49.5	.6	39.0	.6	27.5	.6	14.7
.8	58.7	.8	49.3	.8	38.8	.8	27.2	.8	14.5
4.	58.5	14.	49.1	24.	38.6	34.	27.0	44.	14.2
.2	58.3	.2	48.9	.2	38.4	.2	26.8	.2	13.9
.4	58.1	.4	48.7	.4	38.2	.4	26.5	.4	13.6
.6	58.0	.6	48.5	.6	37.9	.6	26.3	.6	13.4
.8	57.8	.8	48.3	.8	37.7	.8	26.0	.8	13.1
5.	57.6	15.	48.1	25.	37.5	35.	25.8	45.	12.8
.2	57.4	.2	47.9	.2	37.3	.2	25.6	.2	12.5
.4	57.2	.4	47.7	.4	37.0	.4	25.3	.4	12.2
.6	57.1	.6	47.4	.6	36.8	.6	25.1	.6	12.0
.8	56.9	.8	47.2	.8	36.5	.8	24.8	.8	11.7
6.	56.7	16.	47.0	26.	36.3	36.	24.6	46.	11.4
.2	56.5	.2	46.8	.2	36.1	.2	24.3	.2	11.1
.4	56.3	.4	46.6	.4	35.9	.4	24.1	.4	10.9
.6	56.1	.6	46.4	.6	35.6	.6	23.8	.6	10.6
.8	55.9	.8	46.2	.8	35.4	.8	23.6	.8	10.4
7.	55.7	17.	46.0	27.	35.2	37.	23.3	47.	10.1
.2	55.5	.2	45.8	.2	35.0	.2	23.0	.2	9.8
.4	55.3	.4	45.6	.4	34.8	.4	22.8	.4	9.5
.6	55.2	.6	45.4	.6	34.5	.6	22.5	.6	9.3
.8	55.0	.8	45.2	.8	34.3	.8	22.3	.8	9.0
8.	54.8	18.	45.0	28.	34.1	38.	22.0	48.	8.7
.2	54.6	.2	44.8	.2	33.9	.2	21.7	.2	8.4
.4	54.4	.4	44.6	.4	33.6	.4	21.5	.4	8.1
.6	54.3	.6	44.4	.6	33.4	.6	21.2	.6	7.9
.8	54.1	.8	44.2	.8	33.1	.8	21.0	.8	7.6
9.	53.9	19.	44.0	29.	32.9	39.	20.7	49.	7.3
.2	53.7	.2	43.8	.2	32.7	.2	20.4	.2	7.0
.4	53.5	.4	43.6	.4	32.4	.4	20.2	.4	6.7
.6	53.3	.6	43.3	.6	32.2	.6	19.9	.6	6.4
.8	53.1	.8	43.1	.8	31.9	.8	19.7	.8	6.1
10.	52.9	20.	42.9	30.	31.7	40.	19.4	50.	5.8

TEMPERATURE 80°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	5.8	60.	9.5	70.	27.2	80.	50.4	90.	77.2		
.2	5.5	.2	9.8	.2	27.6	.2	50.8	.2	77.8		
.4	5.2	.4	10.2	.4	28.0	.4	51.3	.4	78.3		
.6	5.0	.6	10.5	.6	28.4	.6	51.7	.6	78.9		
.8	4.7	.8	10.9	.8	28.8	.8	52.2	.8	79.4		
51.	4.4	61.	11.2	71.	29.2	81.	52.6	91.	80.0		
.2	4.1	.2	11.5	.2	29.6	.2	53.1	.2	80.6		
.4	3.8	.4	11.8	.4	30.0	.4	53.5	.4	81.1		
.6	3.6	.6	12.2	.6	30.4	.6	54.0	.6	81.7		
.8	3.3	.8	12.5	.8	30.8	.8	54.4	.8	82.2		
52.	3.0	62.	12.8	72.	31.2	82.	54.9	92.	82.8		
.2	2.7	.2	13.1	.2	31.6	.2	55.4	.2	83.4		
.4	2.4	.4	13.4	.4	32.0	.4	55.9	.4	83.9		
.6	2.1	.6	13.8	.6	32.5	.6	56.3	.6	84.5		
.8	1.8	.8	14.1	.8	32.9	.8	56.8	.8	85.0		
53.	1.5	63.	14.4	73.	33.3	83.	57.3	93.	85.6		
.2	1.2	.2	14.7	.2	33.7	.2	57.8	.2	86.1		
.4	.9	.4	15.1	.4	34.2	.4	58.3	.4	86.7		
.6	.6	.6	15.4	.6	34.6	.6	58.7	.6	87.2		
.8	.3	.8	15.8	.8	35.1	.8	59.2	.8	87.8		
54.		64.	16.1	74.	35.5	84.	59.7	94.	88.3		
.2	.3	.2	16.5	.2	36.0	.2	60.3	.2	88.8		
.4	.6	.4	16.8	.4	36.4	.4	60.8	.4	89.3		
.6	.9	.6	17.2	.6	36.9	.6	61.4	.6	89.9		
.8	1.2	.8	17.5	.8	37.3	.8	61.9	.8	90.4		
55.	1.5	65.	17.9	75.	37.8	85.	62.5	95.	90.9		
.2	1.8	.2	18.3	.2	38.3	.2	63.1	.2	91.4		
.4	2.1	.4	18.6	.4	38.7	.4	63.7	.4	91.9		
.6	2.5	.6	19.0	.6	39.2	.6	64.2	.6	92.4		
.8	2.8	.8	19.3	.8	39.6	.8	64.8	.8	92.9		
56.	3.1	66.	19.7	76.	40.1	86.	65.4	96.	93.4		
.2	3.4	.2	20.1	.2	40.6	.2	66.0	.2	93.9		
.4	3.7	.4	20.5	.4	41.1	.4	66.6	.4	94.4		
.6	4.0	.6	20.8	.6	41.5	.6	67.1	.6	94.8		
.8	4.3	.8	21.2	.8	42.0	.8	67.7	.8	95.3		
57.	4.6	67.	21.6	77.	42.5	87.	68.2	97.	95.8		
.2	4.9	.2	22.0	.2	43.0	.2	68.9	.2	96.3		
.4	5.2	.4	22.3	.4	43.5	.4	69.5	.4	96.8		
.6	5.6	.6	22.7	.6	44.1	.6	70.0	.6	97.2		
.8	5.9	.8	23.0	.8	44.6	.8	70.6	.8	97.7		
58.	6.2	68.	23.4	78.	45.1	88.	71.2	98.	98.2		
.2	6.5	.2	23.8	.2	45.6	.2	71.8	.2	98.6		
.4	6.8	.4	24.2	.4	46.2	.4	72.4	.4	99.1		
.6	7.2	.6	24.5	.6	46.7	.6	73.1	.6	99.5		
.8	7.5	.8	24.9	.8	47.3	.8	73.7	.8	100.0		
59.	7.8	69.	25.3	79.	47.8	89.	74.3	99.	—		
.2	8.1	.2	25.7	.2	48.3	.2	74.9	.2	—		
.4	8.5	.4	26.1	.4	48.8	.4	75.5	.4	—		
.6	8.8	.6	26.4	.6	49.4	.6	76.0	.6	—		
.8	9.2	.8	26.8	.8	49.9	.8	76.6	.8	—		
60.	9.5	70.	27.2	80.	50.4	90.	77.2	100.	—		

FIELD'S PATENT ALCOHOLMETER,
FOR ASCERTAINING THE STRENGTH OF
CORDIALIZED SPIRITS, WINES, BEERS, &c.,
MANUFACTURED BY
JOSEPH LONG.

Having been appointed by the Patentee to manufacture this important invention, and confident of its great value, I take leave to submit it to your especial notice.

Some of the most eminent chemists of the day, both in France and this country, have examined the subject, and Dr. Liebig in particular has employed much consideration and experimental research in testing the correctness of its principles, as also in verifying their results, and it is pronounced by him to be an invention of the greatest importance to the Government, the Wine and Spirit Trade, to Brewers, Chemists, (for their tinctures, &c.,) and the Public generally.

The PATENTED ALCOHOLMETER is a ready and correct means of ascertaining the strength of all Cordialized Spirits, however highly dulcified, and is equally efficacious for indicating the alcoholic strength of every description of Wines. To Brewers and Dealers in Ales and Porters it is a perfect "*vade mecum*," whereby the strength of Beers, &c., can be truly ascertained, and their value in wort or extract estimated upon a principle as unerring as that adopted in regard to Spirits by the Hydrometer.

The ALCOHOLMETER is founded on a recently established scientific fact, that the boiling point of any Alcoholic liquid is entirely regulated by the proportion of Alcohol it contains, irrespectively of the saccharine or extractive matter present, whether in Wines, Spirits, Beers, or Cordials. The Instrument is constructed with such clearness and simplicity, that in all liquids where Alcohol exists its per centage will be truly and directly indicated.

To make it available and accessible to every description of trader, it has been fitted up in two forms, denominated first and second classes, at a cost not exceeding that of Sikes's Hydrometer, the first class being for the use both of Brewers and Tavern-keepers generally, and the second class being adapted to the Wine and Spirit Trade, Chemists, &c.

As Sikes's Hydrometer Tables have hitherto only been calculated to 80° of Fahrenheit's Temperature, frequent complaints have been made of their inefficiency in warm climates, where the temperature in general ranges above that degree of heat; to obviate which I have been induced, in addition to the foregoing Tables, to construct and extend Sikes's Tables to 100° of Temperature, thus rendering the Hydrometer more complete and efficient for determining the strengths of Spirits in warm climates.

TEMPERATURE 81°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	61.8	10.	52.7	20.	42.6	30.	31.4	40.	19.0
.2	61.7	.2	52.6	.2	42.4	.2	31.2	.2	18.7
.4	61.5	.4	52.4	.4	42.2	.4	31.0	.4	18.5
.6	61.3	.6	52.2	.6	42.0	.6	30.7	.6	18.2
.8	61.1	.8	52.0	.8	41.8	.8	30.5	.8	18.0
1.	60.9	11.	51.8	21.	41.5	31.	30.2	41.	17.7
.2	60.8	.2	51.6	.2	41.3	.2	29.9	.2	17.5
.4	60.6	.4	51.4	.4	41.1	.4	29.7	.4	17.2
.6	60.4	.6	51.2	.6	40.9	.6	29.5	.6	16.9
.8	60.2	.8	51.0	.8	40.7	.8	29.3	.8	16.7
2.	60.0	12.	50.8	22.	40.5	32.	29.0	42.	16.4
.2	59.9	.2	50.7	.2	40.3	.2	28.7	.2	16.2
.4	59.7	.4	50.5	.4	40.1	.4	28.5	.4	16.0
.6	59.5	.6	50.3	.6	39.9	.6	28.3	.6	15.7
.8	59.3	.8	50.1	.8	39.7	.8	28.1	.8	15.5
3.	59.2	13.	49.9	23.	39.4		27.8	43.	15.2
.2	59.1	.2	49.7	.2	39.2	.2	27.5	.2	15.0
.4	58.9	.4	49.5	.4	39.0	.4	27.3	.4	14.7
.6	58.7	.6	49.3	.6	38.8	.6	27.1	.6	14.4
.8	58.5	.8	49.1	.8	38.6	.8	26.9	.8	14.2
4.	58.3	14.	48.9	24.	38.3	34.	26.6	44.	13.9
.2	58.2	.2	48.6	.2	38.1	.2	26.4	.2	13.7
.4	58.0	.4	48.4	.4	37.8	.4	26.1	.4	13.4
.6	57.8	.6	48.2	.6	37.6	.6	25.9	.6	13.1
.8	57.6	.8	48.0	.8	37.4	.8	25.7	.8	12.8
5.	57.4	15.	47.8	25.	37.1	35.	25.4	45.	12.5
.2	57.3	.2	47.6	.2	36.8	.2	25.2	.2	12.2
.4	57.1	.4	47.4	.4	36.6	.4	24.9	.4	11.9
.6	56.9	.6	47.2	.6	36.4	.6	24.7	.6	11.6
.8	56.7	.8	46.9	.8	36.2	.8	24.5	.8	11.3
6.	56.5	16.	46.7	26.	35.9	36.	24.2	46.	11.1
.2	56.3	.2	46.5	.2	35.7	.2	23.9	.2	10.9
.4	56.1	.4	46.3	.4	35.5	.4	23.7	.4	10.6
.6	55.9	.6	46.1	.6	35.3	.6	23.5	.6	10.3
.8	55.7	.8	45.9	.8	35.1	.8	23.3	.8	10.0
7.	55.5	17.	45.7	27.	34.8	37.	23.0	47.	9.8
.2	55.4	.2	45.5	.2	34.6	.2	22.7	.2	9.5
.4	55.2	.4	45.3	.4	34.4	.4	22.4	.4	9.2
.6	55.0	.6	45.1	.6	34.2	.6	22.2	.6	8.9
.8	54.8	.8	44.9	.8	34.0	.8	22.0	.8	8.6
8.	54.6	18.	44.7	28.	33.7	38.	21.7	48.	8.4
.2	54.5	.2	44.5	.2	33.4	.2	21.5	.2	8.1
.4	54.3	.4	44.3	.4	33.2	.4	21.2	.4	7.8
.6	54.1	.6	44.1	.6	33.0	.6	20.9	.6	7.5
.8	53.9	.8	43.9	.8	32.8	.8	20.7	.8	7.2
9.	53.7	19.	43.7	29.	32.5	39.	20.4	49.	7.0
.2	53.5	.2	43.5	.2	32.3	.2	20.1	.2	6.7
.4	53.3	.4	43.3	.4	32.1	.4	19.8	.4	6.4
.6	53.1	.6	43.1	.6	31.9	.6	19.5	.6	6.1
.8	52.9	.8	42.9	.8	31.7	.8	19.3	.8	5.8
10.	52.7	20.	42.6	30.	31.4	40.	19.0	50.	5.5

TEMPERATURE 81°

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50	5.5	60.	0.9	70.	27.6	80.	50.9	90.	77.4
2	5.2	2	10.2	2	28.0	2	51.3	2	78.0
4	4.9	4	10.5	4	28.4	4	51.8	4	78.6
6	4.6	6	10.8	6	28.8	6	52.2	6	79.1
8	4.3	8	11.2	8	29.2	8	52.6	8	79.7
51	4.0	61	11.6	71.	29.7	81	53.1	91	80.2
2	3.8	2	11.9	2	30.0	2	53.5	2	80.7
4	3.5	4	12.2	4	30.4	4	53.9	4	81.3
6	3.2	6	12.5	6	30.8	6	54.4	6	81.8
8	2.9	8	12.8	8	31.2	8	54.8	8	82.4
52.	2.7	62	13.2	72	31.6	82	55.3	92.	83.0
2	2.4	2	13.5	2	32.0	2	55.8	2	83.4
4	2.1	4	13.8	4	32.4	4	56.3	4	84.0
6	1.8	6	14.1	6	32.8	6	56.8	6	84.6
8	1.5	8	14.4	8	33.2	8	57.3	8	85.2
53	1.2	63	14.8	73	33.7	83	57.8	93	85.7
2	.9	2	15.1	2	34.2	2	58.3	2	86.2
4	.6	4	15.4	4	34.6	4	58.7	4	86.8
6	.3	6	15.7	6	35.1	6	59.2	6	87.3
8		8	16.1	8	35.5	8	59.6	8	87.9
54.	.3	64.	16.5	74.	36.0	84	60.1	94	88.4
2	.6	2	16.8	2	36.5	2	60.7	2	88.9
4	.9	4	17.2	4	36.9	4	61.2	4	89.4
6	1.2	6	17.6	6	37.4	6	61.8	6	89.9
8	1.5	8	17.9	8	37.8	8	62.3	8	90.4
55	1.8	65	18.3	75	38.3	85	62.9	95.	91.0
2	2.1	2	18.7	2	38.8	2	63.5	2	91.5
4	2.4	4	19.0	4	39.2	4	64.0	4	92.0
6	2.8	6	19.4	6	39.7	6	64.6	6	92.5
8	3.0	8	19.8	8	40.1	8	65.2	8	93.0
56	3.4	66	20.2	76.	40.6	86	65.8	96	93.5
2	3.7	2	20.5	2	41.1	2	66.4	2	94.0
4	4.0	4	20.9	4	41.6	4	66.9	4	94.5
6	4.3	6	21.3	6	42.1	6	67.5	6	95.0
8	4.6	8	21.6	8	42.6	8	68.0	8	95.5
57.	4.9	67	22.0	77	43.1	87	68.6	97	96.0
2	5.2	2	22.3	2	43.6	2	69.1	2	96.4
4	5.5	4	22.7	4	44.1	4	69.7	4	96.9
6	5.8	6	23.1	6	44.6	6	70.3	6	97.4
8	6.1	8	23.5	8	45.1	8	70.9	8	97.9
58.	6.5	68	23.9	78	45.6	88	71.5	98	98.3
2	6.9	2	24.2	2	46.1	2	72.1	2	98.8
4	7.2	4	24.6	4	46.7	4	72.7	4	99.2
6	7.5	6	25.0	6	47.2	6	73.3	6	99.6
8	7.8	8	25.4	8	47.8	8	73.9	8	—
59.	8.2	69	25.8	79	48.4	89.	74.6	99.	—
2	8.6	2	26.2	2	48.9	2	75.1	2	—
4	8.9	4	26.6	4	49.4	4	75.7	4	—
6	9.2	6	27.0	6	49.9	6	76.3	6	—
8	9.5	8	27.3	8	50.4	8	76.9	8	—
60.	0.9	70	27.6	80.	50.9	90.	77.4	100.	—

TEMPERATURE 82°

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0	61.5	10	52.4	20	42.3	30.	31.0	40.	18.7
.2	61.4	.2	52.3	.2	42.1	.2	30.8	.2	18.4
.4	61.2	.4	52.1	.4	41.9	.4	30.6	.4	18.1
.6	61.0	.6	51.9	.6	41.7	.6	30.4	.6	17.9
.8	60.8	.8	51.7	.8	41.5	.8	30.2	.8	17.6
1.	60.6	11.	51.5	21	41.2	31	29.9	41.	17.3
.2	60.5	.2	51.3	.2	41.0	.2	29.7	.2	17.0
.4	60.3	.4	51.1	.4	40.8	.4	29.5	.4	16.7
.6	60.1	.6	50.9	.6	40.6	.6	29.2	.6	16.5
.8	59.9	.8	50.7	.8	40.4	.8	29.0	.8	16.3
2	59.7	12	50.5	22	40.2	32	28.7	42.	16.1
.2	59.6	.2	50.4	.2	40.0	.2	28.5	.2	15.9
.4	59.4	.4	50.2	.4	39.8	.4	28.2	.4	15.6
.6	59.2	.6	50.0	.6	39.6	.6	28.0	.6	15.3
.8	59.0	.8	49.8	.8	39.4	.8	27.8	.8	15.1
3	58.9	13.	49.6	23	39.1	33.	27.5	43.	14.8
.2	58.8	.2	49.4	.2	38.9	.2	27.3	.2	14.6
.4	58.6	.4	49.2	.4	38.7	.4	27.0	.4	14.3
.6	58.4	.6	49.0	.6	38.5	.6	26.8	.6	14.0
.8	58.2	.8	48.8	.8	38.3	.8	26.6	.8	13.8
4.	58.0	14	48.6	24	38.0	34	26.3	44	13.5
.2	57.9	.2	48.4	.2	37.7	.2	26.1	.2	13.3
.4	57.7	.4	48.2	.4	37.5	.4	25.8	.4	13.0
.6	57.5	.6	48.0	.6	37.3	.6	25.6	.6	12.7
.8	57.3	.8	47.8	.8	37.1	.8	25.4	.8	12.4
5	57.1	15	47.5	25	36.8	35	25.1	45	12.1
.2	57.0	.2	47.3	.2	36.5	.2	24.9	.2	11.8
.4	56.8	.4	47.1	.4	36.3	.4	24.6	.4	11.5
.6	56.6	.6	46.9	.6	36.1	.6	24.4	.6	11.2
.8	56.4	.8	46.7	.8	35.9	.8	24.2	.8	10.9
6	56.2	16	46.4	26	35.6	36	23.9	46	10.7
.2	56.0	.2	46.2	.2	35.4	.2	23.7	.2	10.5
.4	55.8	.4	46.0	.4	35.2	.4	23.5	.4	10.2
.6	55.6	.6	45.8	.6	35.0	.6	23.2	.6	9.9
.8	55.4	.8	45.6	.8	34.8	.8	23.0	.8	9.6
7	55.2	17.	45.4	27.	34.5	37	22.7	47	9.4
.2	55.1	.2	45.2	.2	34.3	.2	22.4	.2	9.1
.4	54.9	.4	45.0	.4	34.1	.4	22.1	.4	8.8
.6	54.7	.6	44.8	.6	33.9	.6	21.8	.6	8.5
.8	54.5	.8	44.6	.8	33.7	.8	21.6	.8	8.2
8	54.3	18.	44.4	28.	33.4	38	21.3	48.	8.0
.2	54.2	.2	44.2	.2	33.1	.2	21.1	.2	7.7
.4	54.0	.4	44.0	.4	32.9	.4	20.8	.4	7.4
.6	53.8	.6	43.8	.6	32.6	.6	20.5	.6	7.1
.8	53.6	.8	43.6	.8	32.4	.8	20.3	.8	6.8
9	53.4	19.	43.4	29.	32.1	39	20.0	49.	6.6
.2	53.2	.2	43.2	.2	31.9	.2	19.8	.2	6.3
.4	53.0	.4	43.0	.4	31.7	.4	19.5	.4	6.0
.6	52.8	.6	42.8	.6	31.5	.6	19.2	.6	5.7
.8	52.6	.8	42.6	.8	31.3	.8	19.0	.8	5.4
10	52.4	20	42.3	30.	31.0	40.	18.7	50	5.1

TEMPERATURE 82°

Wts & Dive. on Stem.	Per Cent. over Proof.	Wts & Dive. on Stem.	Per Cent. under Proof.	Wts & Dive. on Stem.	Per Cent. under Proof.	Wts & Dive. on Stem.	Per Cent. under Proof.	Wts & Dive. on Stem.	Per Cent. under Proof.
50.	5.1	60.	10.3	70.	28.1	80.	51.5	90.	77.6
2	4.8	.2	10.6	.2	28.5	2	51.9	.2	78.2
.4	4.5	4	10.9	4	28.9	4	52.4	4	78.7
0	4.2	.6	11.2	.6	29.3	6	52.8	.6	79.2
.8	3.9	8	11.6	.8	29.7	8	53.2	8	79.8
51.	3.6	61.	12.0	71.	30.1	81.	53.6	91.	80.4
2	3.4	2	12.3	2	30.5	.2	54.0	.2	80.9
4	3.1	.4	12.6	4	30.9	.4	54.5	.4	81.5
6	2.8	.6	12.9	.6	31.3	.6	54.9	.6	82.0
8	2.5	8	13.2	8	31.7	.8	55.3	8	82.5
52.	2.3	62.	13.6	72.	32.1	82.	55.8	92.	83.1
2	2.0	2	13.9	2	32.5	.2	56.3	.2	83.6
4	1.7	.4	14.2	.4	32.9	.4	56.8	.4	84.2
6	1.4	.6	14.5	.6	33.3	.6	57.2	.6	84.8
8	1.1	8	14.8	8	33.7	.8	57.7	.8	85.4
53.	.8	63.	15.2	73.	34.2	83.	58.2	93.	85.9
2	.5	2	15.5	2	34.7	.2	58.7	2	86.4
4	.2	.4	15.8	.4	35.2	.4	59.1	.4	87.0
6	.1	.6	16.1	.6	35.7	.6	59.6	.6	87.5
8	.4	8	16.5	8	36.1	.8	60.0	.8	88.1
54.	7	64.	16.9	74.	36.5	84.	60.4	94.	88.6
2	1.0	2	17.2	2	37.0	2	61.0	2	89.1
4	1.3	.4	17.6	.4	37.4	.4	61.5	.4	89.6
6	1.6	.6	18.0	.6	37.9	.6	62.1	.6	90.1
8	1.9	8	18.4	8	38.3	.8	62.6	8	90.6
55.	2.2	65.	18.8	75.	38.8	85.	63.2	95.	91.2
2	2.5	2	19.2	2	39.3	2	63.7	2	91.7
4	2.8	.4	19.5	.4	39.7	.4	64.3	.4	92.2
6	3.1	.6	19.9	.6	40.2	.6	64.9	.6	92.7
8	3.4	.8	20.3	8	40.6	.8	65.5	.8	93.2
56.	3.8	66.	20.6	76.	41.1	86.	66.1	96.	93.7
2	4.1	2	20.9	2	41.6	2	66.7	2	94.2
.4	4.4	.4	21.3	.4	42.1	.4	67.2	.4	94.7
.6	4.7	.6	21.7	.6	42.6	.6	67.7	.6	95.2
.8	5.0	.8	22.1	.8	43.1	.8	68.2	.8	95.7
57.	5.3	67.	22.5	77.	43.6	87.	68.8	97.	96.2
2	5.6	2	22.8	2	44.1	2	69.3	2	96.7
4	5.9	.4	23.2	.4	44.6	.4	69.9	.4	97.1
.6	6.2	.6	23.6	.6	45.1	.6	70.5	.6	97.5
.8	6.5	8	23.9	.8	45.6	.8	71.1	.8	98.0
58.	6.9	68.	24.3	78.	46.2	88.	71.7	98.	98.4
2	7.2	2	24.6	2	46.7	.2	72.4	2	98.9
.4	7.6	.4	25.0	.4	47.3	.4	73.0	.4	99.4
.6	7.9	.6	25.4	.6	47.8	.6	73.6	.6	99.8
.8	8.2	.8	25.8	8	48.4	.8	74.2	.8	—
59.	8.6	69.	26.2	79.	48.9	89.	74.8	99.	—
2	9.0	2	26.5	2	49.4	.2	75.3	.2	—
.4	9.3	.4	26.9	.4	49.9	.4	75.9	.4	—
.6	9.6	.6	27.3	.6	50.4	.6	76.5	.6	—
.8	9.9	.8	27.7	.8	50.9	.8	77.1	.8	—
60.	10.3	70.	28.1	80.	51.5	90.	77.6	100.	—

TEMPERATURE 83°

Wts & Divs on Stem.	Per Cent. over Proof.	Wts & Divs on Stem.	Per Cent. over Proof.	Wts & Divs on Stem.	Per Cent. over Proof.	Wts & Divs on Stem.	Per Cent. over Proof.	Wts & Divs on Stem.	Per Cent. over Proof.
0	61.3	10	52.1	20	42.0	30	30.7	40	18.3
.2	61.2	.2	52.0	.2	41.8	.2	30.5	.2	18.0
.4	61.0	.4	51.8	.4	41.6	.4	30.3	.4	17.7
.6	60.8	.6	51.6	.6	41.4	.6	30.1	.6	17.5
.8	60.6	.8	51.4	.8	41.2	.8	29.9	.8	17.2
1	60.4	11.	51.2	21	40.9	31	29.6	41.	16.9
.2	60.2	.2	51.0	.2	40.7	.2	29.4	.2	16.7
.4	60.0	.4	50.8	.4	40.5	.4	29.2	.4	16.5
.6	59.8	.6	50.6	.6	40.3	.6	28.9	.6	16.2
.8	59.6	.8	50.4	.8	40.1	.8	28.7	.8	16.0
2.	59.4	12.	50.2	22	39.9	32	28.4	42	15.7
.2	59.3	.2	50.1	.2	39.7	.2	28.2	.2	15.5
.4	59.1	.4	49.9	.4	39.5	.4	27.9	.4	15.3
.6	58.9	.6	49.7	.6	39.3	.6	27.7	.6	15.0
.8	58.7	.8	49.5	.8	39.1	.8	27.5	.8	14.8
3	58.6	13	49.3	23	38.8	33	27.2	43	14.5
.2	58.5	.2	49.1	.2	38.6	.2	27.0	.2	14.2
.4	58.3	.4	48.9	.4	38.4	.4	26.7	.4	14.0
.6	58.1	.6	48.7	.6	38.2	.6	26.5	.6	13.7
.8	57.9	.8	48.5	.8	38.0	.8	26.3	.8	13.5
4	57.7	14	48.3	24	37.7	34	26.0	44	13.2
.2	57.6	.2	48.1	.2	37.4	.2	25.8	.2	12.9
.4	57.4	.4	47.9	.4	37.2	.4	25.5	.4	12.6
.6	57.2	.6	47.7	.6	37.0	.6	25.3	.6	12.3
.8	57.0	.8	47.5	.8	36.8	.8	25.1	.8	12.0
5	56.8	15	47.2	25	36.5	35	24.8	45	11.7
.2	56.7	.2	47.0	.2	36.2	.2	24.6	.2	11.4
.4	56.5	.4	46.8	.4	36.0	.4	24.3	.4	11.1
.6	56.3	.6	46.6	.6	35.8	.6	24.1	.6	10.8
.8	56.1	.8	46.4	.8	35.6	.8	23.9	.8	10.5
6	55.9	16	46.1	26	35.3	36	23.6	46	10.3
.2	55.7	.2	45.9	.2	35.1	.2	23.3	.2	10.1
.4	55.5	.4	45.7	.4	34.9	.4	23.1	.4	9.8
.6	55.3	.6	45.5	.6	34.7	.6	22.8	.6	9.5
.8	55.1	.8	45.3	.8	34.5	.8	22.6	.8	9.2
7	54.9	17.	45.1	27	34.2	37.	22.3	47.	9.0
.2	54.8	.2	44.9	.2	34.0	.2	22.1	.2	8.7
.4	54.6	.4	44.7	.4	33.8	.4	21.8	.4	8.4
.6	54.4	.6	44.5	.6	33.6	.6	21.5	.6	8.1
.8	54.2	.8	44.3	.8	33.4	.8	21.3	.8	7.8
8	54.0	18	44.1	28.	33.1	38.	21.0	48	7.6
.2	53.9	.2	43.9	.2	32.9	.2	20.7	.2	7.3
.4	53.7	.4	43.7	.4	32.6	.4	20.4	.4	7.0
.6	53.5	.6	43.5	.6	32.3	.6	20.1	.6	6.7
.8	53.3	.8	43.3	.8	32.1	.8	19.9	.8	6.4
9	53.1	19.	43.1	29	31.8	39.	19.6	49	6.2
.2	52.9	.2	42.9	.2	31.6	.2	19.4	.2	5.9
.4	52.7	.4	42.7	.4	31.4	.4	19.1	.4	5.6
.6	52.5	.6	42.5	.6	31.2	.6	18.9	.6	5.3
.8	52.3	.8	42.3	.8	31.0	.8	18.6	.8	5.0
10.	52.1	20	42.0	30	30.7	40.	18.3	50.	4.7

TEMPERATURE 83°

Wts. & Dvs. on Stem.	Per Cent. over Proof.	Wts. & Dvs. on Stem.	Per Cent. under Proof.	Wts. & Dvs. on Stem.	Per Cent. under Proof.	Wts. & Dvs. on Stem.	Per Cent. under Proof.	Wts. & Dvs. on Stem.	Per Cent. under Proof.
50	47	60	107	70	28.5	80.	52.0	90	77.8
.2	4.4	.2	109	.2	289	.2	52.4	.2	78.4
.4	4.1	.4	112	.4	293	.4	52.8	.4	78.9
.6	3.8	.6	116	.6	297	.6	53.2	.6	79.5
.8	3.5	.8	120	.8	301	.8	53.7	.8	80.0
51.	3.2	61	124	71.	306	81.	54.1	91.	80.6
.2	3.0	.2	127	.2	31.0	.2	54.6	.2	81.1
.4	2.7	.4	130	.4	31.4	.4	55.0	.4	81.7
.6	2.4	.6	133	.6	31.8	.6	55.4	.6	82.2
.8	2.1	.8	136	.8	32.2	.8	55.8	.8	82.8
52.	1.9	62	14.0	72	32.6	82.	56.3	92	83.3
.2	1.6	.2	14.3	.2	33.0	.2	56.8	.2	83.8
.4	1.3	.4	14.6	.4	33.4	.4	57.2	.4	84.4
.6	1.0	.6	14.9	.6	33.8	.6	57.7	.6	85.0
.8	.7	.8	15.2	.8	34.2	.8	58.1	.8	85.6
53.	.4	63	15.6	73	31.7	83	58.6	93.	86.1
.2	.1	.2	15.9	.2	35.2	.2	59.0	.2	86.6
.4	.2	.4	16.3	.4	35.6	.4	59.4	.4	87.2
.6	.5	.6	16.6	.6	36.1	.6	59.8	.6	87.7
.8	.8	.8	17.0	.8	36.5	.8	60.3	.8	88.3
54	1.1	64	17.4	74	37.0	84.	60.8	94.	88.8
.2	1.4	.2	17.7	.2	37.5	.2	61.4	.2	89.3
.4	1.7	.4	18.0	.4	37.9	.4	61.9	.4	89.8
.6	2.0	.6	18.4	.6	38.4	.6	62.5	.6	90.3
.8	2.3	.8	18.8	.8	38.8	.8	63.0	.8	90.8
55	2.6	65	19.2	75	39.3	85	63.6	95	91.3
.2	2.9	.2	19.6	.2	39.8	.2	64.2	.2	91.8
.4	3.2	.4	19.9	.4	40.2	.4	64.7	.4	92.3
.6	3.5	.6	20.2	.6	40.7	.6	65.3	.6	92.8
.8	3.8	.8	20.6	.8	41.1	.8	65.9	.8	93.3
56.	4.2	66	21.0	76	41.6	86	66.4	96	93.8
.2	4.5	.2	21.3	.2	42.1	.2	66.9	.2	94.3
.4	4.8	.4	21.7	.4	42.6	.4	67.5	.4	94.8
.6	5.1	.6	22.1	.6	43.1	.6	68.0	.6	95.3
.8	5.4	.8	22.5	.8	43.6	.8	68.6	.8	95.8
57.	5.7	67.	22.9	77.	44.1	87	69.1	97	96.3
.2	6.0	.2	23.2	.2	44.6	.2	69.6	.2	96.8
.4	6.3	.4	23.6	.4	45.1	.4	70.2	.4	97.2
.6	6.6	.6	24.0	.6	45.6	.6	70.8	.6	97.7
.8	6.9	.8	24.3	.8	46.1	.8	71.4	.8	98.2
58	7.3	68.	24.7	78	46.7	88	72.0	98	98.6
.2	7.7	.2	25.0	.2	47.3	.2	72.6	.2	99.1
.4	8.0	.4	25.4	.4	47.8	.4	73.2	.4	99.5
.6	8.3	.6	25.8	.6	48.4	.6	73.8	.6	99.9
.8	8.6	.8	26.2	.8	48.9	.8	74.4	.8	---
59	9.0	69	26.6	79	49.	89.	75.0	99	---
.2	9.4	.2	26.9	.2	50.0	.2	75.5	.2	---
.4	9.7	.4	27.3	.4	50.5	.4	76.1	.4	---
.6	10.0	.6	27.7	.6	51.0	.6	76.7	.6	---
.8	10.3	.8	28.1	.8	51.5	.8	77.3	.8	---
60.	10.7	70	28.5	80.	52.0	90.	77.8	100	---

TEMPERATURE 84°

Wts.&Divs. on Stem.	Per Cent. over Proof.	Wts.&Divs. on Stem.	Per Cent. over Proof.	Wts.&Divs. on Stem.	Per Cent. over Proof.	Wts.&Divs. on Stem.	Per Cent. over Proof.	Wts.&Divs. on Stem.	Per Cent. over Proof.
0.	61 0	10.	51 8	20.	41 7	30.	30 4	40.	18 0
2	60 9	2	51 7	.2	41 5	2	30 2	2	17 7
.4	60 7	.4	51 5	.4	41 3	.4	30 0	.4	17 4
6	60 5	6	51 3	.6	41 1	.6	29 8	.6	17 1
.8	60 3	.8	51 1	.8	40 9	.8	29 5	.8	16 8
1.	60 1	11	50 9	21	40 6	31	29 2	41	10 5
.2	59 9	2	50 7	.2	40 4	2	29 0	.2	16 3
.4	59 7	.4	50 5	.4	40 2	.4	28 8	.4	16 1
6	59 5	6	50 3	6	40 0	6	28 5	6	15 9
.8	59 3	.8	50 1	.8	39 8	.8	28 3	.8	15 7
2.	59 1	12.	49 9	22.	39 6	32.	28 0	42.	15 4
2	59 0	2	49 8	2	39 4	.2	27 8	2	15 2
.4	58 8	.4	49 6	.4	39 2	.4	27 6	.4	14 9
6	58 6	6	49 4	6	39 0	6	27 3	6	14 6
.8	58 4	.8	49 2	.8	38 8	.8	27 1	.8	14 4
3	58 3	13	49 0	23	38 5	33.	26 8	43	14 1
2	58 2	.2	48 8	2	38 3	.2	26 6	.2	13 9
5	58 0	.4	48 6	.4	38 1	.4	26 4	.4	13 6
6	57 8	6	48 4	.6	37 9	.6	26 1	6	13 4
.8	57 6	.8	48 2	.8	37 7	.8	25 9	.8	13 1
4	57 5	14.	48 0	24	37 4	34.	25 6	44	12 8
2	57 3	2	47 8	2	37 1	2	25 4	2	12 5
.4	57 1	.4	47 6	.4	36 9	.4	25 1	.4	12 2
6	56 9	6	47 4	6	36 7	6	24 9	6	11 9
.8	56 7	.8	47 2	.8	36 5	.8	24 7	.8	11 6
5	56 5	15.	46 9	25	36 2	35	24 4	45.	11 3
2	56 4	2	46 7	.2	35 9	2	24 2	.2	11 0
.4	56 2	.4	46 5	.4	35 7	.4	23 9	.4	10 7
6	56 0	6	46 3	6	35 5	6	23 7	6	10 4
.8	55 8	.8	46 1	.8	35 3	.8	23 5	.8	10 1
6	55 7	16	45 8	26.	35 0	36	23 2	46	9 9
2	55 5	2	45 6	2	34 8	.2	22 9	2	9 7
.4	55 3	.4	45 4	.4	34 6	.4	22 6	.4	9 4
6	55 1	6	45 2	6	34 4	6	22 4	6	9 1
.8	54 9	.8	45 0	.8	34 2	.8	22 2	.8	8 8
7	54 7	17.	44 8	27	33 9	37	21 9	47	8 6
2	54 5	.2	44 6	2	33 7	2	21 7	.2	8 3
.4	54 3	.4	44 4	.4	33 5	.4	21 4	.4	8 0
6	54 1	6	44 2	.6	33 3	.6	21 1	6	7 7
.8	53 9	.8	44 0	.8	33 1	.8	20 9	.8	7 4
8.	53 7	18	43 8	28	32 8	38	20 6	48	7 2
2	53 6	.2	43 6	2	32 5	2	20 3	.2	6 9
.4	53 4	.4	43 4	.4	32 3	.4	20 0	.4	6 6
6	53 2	6	43 2	.6	32 0	6	19 8	6	6 3
.8	53 0	.8	43 0	.8	31 8	.8	19 5	.8	6 0
9	52 8	19.	42 8	29	31 5	39	19 2	49	5 8
2	52 6	2	42 6	.2	31 3	.2	19 0	.2	5 5
.4	52 4	.4	42 4	.4	31 1	.4	18 8	.4	5 2
.6	52 2	.6	42 2	.6	30 9	.6	18 6	.6	4 9
.8	52 0	.8	42 0	.8	30 7	.8	18 3	.8	4 6
10.	51 8	20	41 7	30	30 4	40.	18 0	50	4 3

TEMPERATURE 84°

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50	43	60.	11 1	70	29 0	80	52 6	90	78 0
2	4.0	.2	11 4	2	29 4	4	53 0	2	78.5
4	3.7	4	11 7	4	29 8	2	53 4	4	79 1
6	3.4	6	12 0	6	30 2	6	53 8	6	79 7
8	3.1	.8	12 4	8	30 6	.8	54 2	8	80 2
51	2.8	01	12 8	71	31 0	81	54 6	91	80 8
2	2.6	2	13 1	2	31 4	2	55 0	2	81 3
4	2.3	4	13 4	4	31 8	4	55 4	4	81 9
6	2.0	6	13 7	6	32 2	6	55 8	6	82 4
8	1.7	8	14 0	8	32 6	.8	56 2	8	83 0
52	1.5	02	14 4	72	33 0	82	56 7	92	83 5
2	1.2	.2	14 7	2	33 5	2	57 2	2	84 0
4	9	4	15 0	4	33 9	4	57 6	4	84 6
6	6	6	15 3	6	34 3	6	58 1	6	85 2
8	3	.8	15 6	.8	34 7	.8	58 5	.8	85 8
53.		03	16 0	73	35 2	83	59 0	93	86 3
2	.3	2	16 4	2	35 7	2	59 5	2	86 8
4	6	4	16 7	4	36 1	4	59 9	4	87 4
6	9	6	17 1	6	36 5	6	60 3	6	87 9
8	12	.8	17 4	.8	37 0	.8	60 7	.8	88 5
54	1.5	04	17 8	74	37 5	84	61 2	94	89 0
2	1.8	2	18 2	2	38 0	2	61 8	2	89 5
4	2.1	4	18 6	4	38 4	4	62 3	4	90 0
6	2.4	6	19 0	6	38 9	6	62 9	6	90 5
8	2.7	.8	19 3	.8	39 3	.8	63 4	.8	91 0
55	3.0	05	19 6	75	39 8	85	63 9	95	91 5
2	3.3	2	20 0	2	40 3	2	64 5	2	92 0
4	3.6	4	20 3	4	40 7	4	65 0	4	92 5
6	3.9	6	20 7	6	41 2	6	65 6	6	93 0
8	4.2	.8	21 0	.8	41 6	.8	66 1	.8	93 5
56	4.6	06	21 4	76	42 1	86	66 7	96	94 0
2	4.9	2	21 7	2	42 6	2	67 3	2	94 5
4	5.2	4	22 1	4	43 1	4	67 8	4	95 0
6	5.5	6	22 5	6	43 6	6	68 3	6	95 5
8	5.8	.8	22 9	.8	44 1	.8	68 9	.8	96 0
57	6.1	07	23 3	77	44 6	87	69 4	97	96 5
2	6.4	2	23 6	2	45 1	2	69 9	2	96 9
4	6.7	4	24 0	4	45 6	4	70 5	4	97 4
6	7.0	6	24 4	6	46 1	6	71 1	6	97 8
8	7.3	.8	24 8	.8	46 6	.8	71 7	.8	98 3
58	7.7	08	25 2	78	47 2	88	72 3	98	98 7
2	8.1	2	25 5	2	47 8	2	72 9	2	99 3
4	8.4	4	25 9	4	48 3	4	73 5	4	99 7
6	8.7	6	26 3	6	48 9	6	74 1	6	100 0
8	9.0	.8	26 7	.8	49 4	.8	74 7	.8	—
59	9.4	09	27 0	79	50 0	89	75 2	99	—
2	9.8	2	27 4	2	50 5	2	75 7	2	—
4	10.1	4	27 8	4	51 0	4	76 3	4	—
6	10.4	6	28 2	6	51 5	6	76 9	6	—
8	10.7	.8	28 6	.8	52 0	.8	77 5	.8	—
60.	11.1	70.	29 0	80.	52.6	90	78.0	100	—

TEMPERATURE 85°

Wts & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0	60.8	10	51.5	20	41.4	30	30.0	40	17.6
2	60.6	2	51.4	2	41.2	2	29.8	2	17.3
4	60.4	4	51.2	4	41.0	4	29.6	4	17.0
6	60.2	6	51.0	6	40.8	6	29.4	6	16.8
8	60.0	8	50.8	8	40.6	8	29.2	8	16.5
1	59.8	11	50.6	21	40.3	31.	28.9	41	16.2
2	59.6	2	50.5	2	40.1	2	28.7	2	16.0
4	59.4	4	50.3	4	39.9	4	28.5	4	15.8
6	59.2	6	59.1	6	39.7	6	28.2	6	15.6
8	59.0	8	49.9	8	39.5	8	28.0	8	15.4
2	58.8	12	49.7	22	39.3	32.	27.7	42	15.1
2	58.7	2	49.5	2	39.1	2	27.5	2	14.8
4	58.5	4	49.3	4	38.9	4	27.3	4	14.5
6	58.4	6	49.1	6	38.7	6	27.0	6	14.3
8	58.2	8	48.9	8	38.5	8	26.8	8	14.1
3	58.1	13	48.7	23	38.2	33	26.5	43	13.8
2	58.0	2	48.5	2	38.0	2	26.3	2	13.6
5	57.8	4	48.3	4	37.8	4	26.0	4	13.3
6	57.6	6	48.1	6	37.6	6	25.8	6	13.0
8	57.4	8	47.9	8	37.4	8	25.6	8	12.7
4	57.2	14	47.7	24	37.1	34	25.3	44	12.4
2	57.1	2	47.5	2	36.8	2	25.0	2	12.1
4	56.9	4	47.3	4	36.6	4	24.8	4	11.8
6	56.7	6	47.1	6	36.4	6	24.6	6	11.5
8	56.5	8	46.9	8	36.2	8	24.4	8	11.2
5	56.3	15	46.6	25	35.9	35	24.1	45	10.9
2	56.2	2	46.4	2	35.7	2	23.9	2	10.6
4	56.0	4	46.2	4	35.5	4	23.6	4	10.3
6	55.8	6	46.0	6	35.2	6	23.4	6	10.0
8	55.6	8	45.8	8	34.9	8	23.2	8	9.7
6	55.4	16	45.5	26	34.7	36	22.9	46	9.5
2	55.2	2	45.3	2	34.5	2	22.7	2	9.3
4	55.0	4	45.1	4	34.3	4	22.4	4	9.0
6	54.8	6	44.9	6	34.1	6	22.1	6	8.8
8	54.6	8	44.7	8	33.9	8	21.9	8	8.5
7	54.4	17	44.5	27	33.6	37	21.6	47	8.3
2	54.2	2	44.3	2	33.4	2	21.3	2	8.0
4	54.0	4	44.1	4	33.2	4	21.0	4	7.7
6	53.8	6	43.9	6	33.0	6	20.8	6	7.4
8	53.6	8	43.7	8	32.8	8	20.6	8	7.1
8	53.4	18	43.5	28	32.5	38	20.3	48	6.9
2	53.3	2	43.3	2	32.2	2	20.0	2	6.6
4	53.1	4	43.1	4	32.0	4	19.7	4	6.3
6	52.9	6	42.9	6	31.7	6	19.4	6	6.0
8	52.7	8	42.7	8	31.5	8	19.2	8	5.7
9	52.5	10	42.5	29	31.2	39	18.9	49	5.5
2	52.3	2	42.3	2	30.9	2	18.6	2	5.2
4	52.1	4	42.1	4	30.7	4	18.4	4	4.9
6	51.9	6	41.9	6	30.5	6	18.1	6	4.6
8	51.7	8	41.7	8	30.3	8	17.9	8	4.3
10	51.5	20	41.4	30	30.0	40	17.6	50	3.9

TEMPERATURE 85°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50	39	00.	11.5	70	29.4	80.	53.1	90	78.2
2	36	2	11.8	2	29.8	2	53.5	2	78.7
4	33	4	12.1	4	30.2	4	53.9	4	79.3
6	30	6	12.4	6	30.6	6	54.3	6	79.9
8	27	8	12.8	8	31.0	8	54.7	8	80.4
51	24	01	13.2	71.	31.5	81	55.1	91	81.0
2	22	2	13.5	2	31.9	2	55.5	2	81.5
4	19	4	13.8	4	32.3	4	55.9	4	82.1
6	16	6	14.1	6	32.7	6	56.3	6	82.6
8	13	8	14.4	8	33.1	8	56.7	8	83.2
52	11	02	14.8	72	33.5	82.	57.2	92	83.7
2	8	2	15.1	2	34.0	2	57.7	2	84.2
4	5	4	15.4	4	34.4	4	58.1	4	84.8
6	2	6	15.7	6	34.8	6	58.6	6	85.3
8	1	8	16.0	8	35.2	8	59.0	8	85.9
53.		03	16.4	73	35.7	83	59.4	93	86.4
2	.7	2	16.8	2	36.2	2	59.9	2	86.9
4	1.0	4	17.2	4	36.6	4	60.3	4	87.5
6	1.3	6	17.5	6	37.1	6	60.7	6	88.0
8	1.6	8	17.8	8	37.5	8	61.1	8	88.6
54	1.9	04	18.2	74	38.0	84	61.6	94	89.2
2	2.2	2	18.6	2	38.5	2	62.2	2	89.7
4	2.5	4	18.9	4	38.9	4	62.7	4	90.2
6	2.8	6	19.3	6	39.4	6	63.2	6	90.7
8	3.1	8	19.7	8	39.8	8	63.7	8	91.2
55	3.4	05	20.0	75	40.3	85	64.3	95.	91.7
2	3.7	2	20.3	2	40.8	2	64.9	2	92.1
4	4.0	4	20.7	4	41.2	4	65.4	4	92.6
6	4.3	6	21.1	6	41.7	6	65.9	6	93.1
8	4.6	8	21.5	8	42.1	8	66.5	8	93.6
56	5.0	06	21.9	76	42.6	86	67.0	96	94.1
2	5.3	2	22.2	2	43.1	2	67.6	2	94.6
4	5.6	4	22.6	4	43.6	4	68.1	4	95.1
6	5.9	6	23.0	6	44.1	6	68.6	6	95.6
8	6.2	8	23.4	8	44.6	8	69.2	8	96.1
57	6.5	07	23.7	77	45.1	87	69.7	97	96.6
2	6.8	2	24.0	2	45.6	2	70.2	2	97.1
4	7.1	4	24.4	4	46.1	4	70.8	4	97.5
6	7.4	6	24.8	6	46.6	6	71.4	6	97.9
8	7.7	8	25.2	8	47.1	8	71.9	8	98.4
58	8.1	08	25.6	78	47.7	88	72.5	98	98.8
2	8.5	2	25.9	2	48.3	2	73.1	2	99.5
4	8.8	4	26.3	4	48.8	4	73.7	4	99.8
6	9.1	6	26.7	6	49.4	6	74.3	6	---
8	9.4	8	27.1	8	49.9	8	74.9	8	---
59	9.8	09	27.5	79	50.5	89.	75.5	99	---
2	10.2	2	27.8	2	51.0	2	76.0	2	---
4	10.5	4	28.2	4	51.5	4	76.6	4	---
6	10.8	6	28.6	6	52.0	6	77.2	6	---
8	11.1	8	29.0	8	52.5	8	77.7	8	---
60	11.5	70	29.4	80	53.1	90	78.2	100	---

TEMPERATURE 86°

Wts & Divs. on Stem.	Per Cent. over Proof.	Wts & Divs. on Stem.	Per Cent. over Proof.	Wts & Divs. on Stem.	Per Cent. over Proof.	Wts & Divs. on Stem.	Per Cent. over Proof.	Wts & Divs. on Stem.	Per Cent. over Proof.
0	60.5	10	51.8	20	41.1	30	29.7	40.	17.2
2	60.3	2	51.1	2	40.8	2	29.5	.2	17.0
4	60.1	4	50.9	4	40.6	4	29.3	4	16.7
.6	59.9	.6	50.7	.6	40.4	.6	29.1	6	16.5
8	59.7	8	50.5	8	40.2	8	28.9	.8	16.2
1.	59.5	11.	50.3	21	39.9	31	28.6	41.	15.9
.2	59.4	2	50.2	2	39.7	.2	28.4	.2	15.7
4	59.2	4	50.0	4	39.5	.4	28.2	4	15.4
.6	59.0	.6	49.8	.6	39.3	.6	27.9	.6	15.2
.8	58.8	8	49.6	8	39.1	.8	27.7	.8	15.0
2	58.6	12	49.4	22.	38.9	32.	27.4	42.	14.7
2	58.5	2	49.2	2	38.7	.2	27.2	2	14.5
4	58.3	1	49.0	4	38.5	.4	26.9	.4	14.2
.6	58.1	.6	48.8	6	38.3	6	26.7	6	13.9
.8	57.9	8	48.6	.8	38.1	.8	26.5	.8	13.7
3	57.8	13	48.4	23	37.8	33.	26.2	43	13.4
2	57.7	.2	48.2	2	37.6	.2	25.9	.2	13.1
4	57.5	4	48.0	4	37.4	4	25.7	.4	12.9
.6	57.3	6	47.8	6	37.2	.6	25.5	6	12.6
8	57.1	8	47.6	8	36.9	.8	25.3	8	12.4
4	56.9	14	47.4	24	36.7	34	25.0	44	12.1
2	56.8	.2	47.2	2	36.5	2	24.8	.2	11.8
1	56.6	4	47.0	.4	36.3	.4	24.5	.4	11.5
.6	56.4	6	46.8	6	36.1	6	24.3	6	11.2
8	56.2	8	46.6	8	35.8	.8	24.1	.8	10.9
5	56.0	15	46.3	25	35.6	35	23.8	45	10.6
2	55.9	2	46.1	2	35.3	2	23.5	2	10.3
4	55.7	4	45.9	.4	35.0	.4	23.3	4	10.0
.6	55.5	6	45.7	.6	34.8	6	23.0	.6	9.7
.8	55.3	8	45.5	.8	34.6	8	22.8	8	9.4
6	55.1	16	45.2	26.	34.3	36	22.5	46	9.2
2	54.9	2	45.0	2	34.1	2	22.2	2	9.0
4	54.7	4	44.8	4	33.9	4	21.9	4	8.7
.6	54.5	6	44.6	6	33.7	6	21.7	6	8.4
8	54.3	.8	44.4	8	33.5	.8	21.5	.8	8.1
7	54.1	17	44.2	27	33.3	37.	21.2	47	7.9
2	54.0	2	44.0	.2	33.0	.2	20.9	2	7.6
4	53.8	4	43.8	.4	32.8	.4	20.7	.4	7.3
.6	53.6	6	43.6	.6	32.6	.6	20.4	.6	7.0
8	53.4	8	43.4	8	32.4	8	20.2	8	6.7
8.	53.2	18.	43.2	28.	32.1	38	19.9	48	6.5
2	53.1	2	43.0	.2	31.8	.2	19.6	2	6.2
4	52.9	4	42.8	4	31.5	4	19.3	4	5.9
.6	52.7	.6	42.6	.6	31.3	.6	19.0	.6	5.6
8	52.5	.8	42.4	.8	31.1	8	18.8	.8	5.3
9	52.3	19.	42.2	29.	30.8	39.	18.5	49	5.1
2	52.1	.2	42.0	.2	30.6	.2	18.3	2	4.8
4	51.9	.4	41.8	.4	30.4	.4	18.0	4	4.5
.6	51.7	.6	41.6	.6	30.2	.6	17.7	.6	4.2
.8	51.5	.8	41.4	.8	30.0	8	17.5	.8	3.9
10.	51.3	20.	41.1	30.	29.7	40.	17.2	50	3.5

TEMPERATURE 86°

Wts & Dvs. on Stem.	Per Cent. over Proof.	Wts. & Dvs. on Stem.	Per Cent. under Proof.	Wts & Dvs. on Stem.	Per Cent. under Proof.	Wts. & Dvs. on Stem.	Per Cent. under Proof.	Wts & Dvs. on Stem.	Per Cent. under Proof.
50	3.5	60	11.9	70	29.8	80	53.6	90	78.4
.2	3.2	.2	12.2	.2	30.2	.2	54.0	.2	78.9
.4	2.9	.4	12.5	.4	30.6	.4	54.4	.4	79.5
.6	2.6	.6	12.8	.6	31.0	.6	54.8	.6	80.1
.8	2.3	.8	13.2	.8	31.4	.8	55.2	.8	80.6
51	2.0	61	13.6	71	31.9	81	55.6	91	81.2
.2	1.7	.2	13.9	.2	32.3	.2	56.0	.2	81.7
.4	1.5	.4	14.2	.4	32.7	.4	56.4	.4	82.3
.6	1.2	.6	14.5	.6	33.1	.6	56.8	.6	82.9
.8	.9	.8	14.8	.8	33.5	.8	57.2	.8	83.4
52	.7	62	15.2	72	34.0	82	57.7	92	83.9
.2	.4	.2	15.5	.2	34.5	.2	58.2	.2	84.4
.4	1	.4	15.8	.4	34.9	.4	58.6	.4	85.0
.6	.2	.6	16.1	.6	35.3	.6	59.0	.6	85.5
.8	.5	.8	16.4	.8	35.7	.8	59.4	.8	86.1
53	.8	63	16.8	73	36.2	83	59.8	93	86.6
.2	1.1	.2	17.2	.2	36.7	.2	60.3	.2	87.1
.4	1.4	.4	17.5	.4	37.1	.4	60.7	.4	87.7
.6	1.7	.6	17.9	.6	37.6	.6	61.1	.6	88.2
.8	2.0	.8	18.3	.8	38.0	.8	61.5	.8	88.8
54	2.3	64	18.6	74	38.5	84	62.0	94	89.3
.2	2.6	.2	19.0	.2	39.0	.2	62.6	.2	89.8
.4	2.9	.4	19.3	.4	39.4	.4	63.1	.4	90.3
.6	3.2	.6	19.7	.6	39.9	.6	63.6	.6	90.8
.8	3.5	.8	20.0	.8	40.3	.8	64.1	.8	91.3
55	3.8	65	20.4	75	40.8	85	64.7	95	91.8
.2	4.1	.2	20.7	.2	41.3	.2	65.3	.2	92.3
.4	4.4	.4	21.1	.4	41.7	.4	65.8	.4	92.8
.6	4.7	.6	21.5	.6	42.2	.6	66.3	.6	93.3
.8	5.0	.8	21.9	.8	42.6	.8	66.8	.8	93.8
56	5.4	66	22.3	76	43.1	86	67.3	96	94.3
.2	5.7	.2	22.6	.2	43.6	.2	67.9	.2	94.8
.4	6.0	.4	23.0	.4	44.1	.4	68.4	.4	95.3
.6	6.3	.6	23.4	.6	44.6	.6	68.9	.6	95.8
.8	6.6	.8	23.8	.8	45.1	.8	69.5	.8	96.3
57	6.9	67	24.1	77	45.6	87	70.0	97	96.8
.2	7.2	.2	24.4	.2	46.1	.2	70.5	.2	97.3
.4	7.5	.4	24.8	.4	46.6	.4	71.1	.4	97.7
.6	7.8	.6	25.2	.6	47.1	.6	71.7	.6	98.1
.8	8.1	.8	25.6	.8	47.6	.8	72.3	.8	98.6
58	8.5	68	26.0	78	48.3	88	72.8	98	99.0
.2	8.9	.2	26.3	.2	48.9	.2	73.4	.2	99.6
.4	9.2	.4	26.7	.4	49.4	.4	74.0	.4	99.9
.6	9.5	.6	27.1	.6	49.9	.6	74.6	.6	—
.8	9.8	.8	27.5	.8	50.4	.8	75.2	.8	—
59	10.2	69	27.9	79	51.0	89	75.7	99	—
.2	10.6	.2	28.2	.2	51.5	.2	76.2	.2	—
.4	10.9	.4	28.6	.4	52.0	.4	76.8	.4	—
.6	11.2	.6	29.0	.6	52.5	.6	77.3	.6	—
.8	11.5	.8	29.4	.8	53.0	.8	77.9	.8	—
60	11.9	70	29.8	80	53.6	90	78.4	100	—

TEMPERATURE 87°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	60.3	10.	51.0	20.	40.8	30.	29.4	40.	16.9
.2	60.1	.2	50.8	.2	40.5	.2	29.2	.2	16.6
.4	59.9	.4	50.6	.4	40.3	.4	29.0	.4	16.3
.6	59.7	.6	50.4	.6	40.1	.6	28.7	.6	16.1
.8	59.5	.8	50.2	.8	39.9	.8	28.5	.8	15.8
1.	59.3	11.	50.0	21.	39.6	31.	28.2	41.	15.5
.2	59.1	.2	49.9	.2	39.4	.2	27.9	.2	15.3
.4	58.9	.4	49.7	.4	39.2	.4	27.7	.4	15.0
.6	58.7	.6	49.5	.6	39.0	.6	27.5	.6	14.8
.8	58.5	.8	49.3	.8	38.8	.8	27.3	.8	14.6
2.	58.3	12.	49.1	22.	38.6	32.	27.0	42.	14.3
.2	58.2	.2	48.9	.2	38.4	.2	26.8	.2	14.0
.4	58.0	.4	48.7	.4	38.2	.4	26.5	.4	13.8
.6	57.8	.6	48.5	.6	38.0	.6	26.3	.6	13.5
.8	57.6	.8	48.3	.8	37.8	.8	26.1	.8	13.3
3.	57.5	13.	48.1	23.	37.5	33.	25.8	43.	13.0
.2	57.4	.2	47.9	.2	37.3	.2	25.6	.2	12.7
.4	57.2	.4	47.7	.4	37.1	.4	25.3	.4	12.5
.6	57.0	.6	47.5	.6	36.9	.6	25.1	.6	12.2
.8	56.8	.8	47.3	.8	36.7	.8	24.9	.8	12.0
4.	56.6	14.	47.1	24.	36.4	34.	24.6	44.	11.7
.2	56.5	.2	46.9	.2	36.1	.2	24.4	.2	11.4
.4	56.3	.4	46.7	.4	35.9	.4	24.1	.4	11.1
.6	56.1	.6	46.5	.6	35.7	.6	23.9	.6	10.8
.8	55.9	.8	46.3	.8	35.5	.8	23.7	.8	10.5
5.	55.7	15.	46.0	25.	35.2	35.	23.4	45.	10.2
.2	55.6	.2	45.8	.2	34.9	.2	23.2	.2	9.9
.4	55.4	.4	45.6	.4	34.7	.4	22.9	.4	9.6
.6	55.2	.6	45.4	.6	34.5	.6	22.7	.6	9.3
.8	55.0	.8	45.2	.8	34.3	.8	22.5	.8	9.0
6.	54.8	16.	44.9	26.	34.0	36.	22.2	46.	8.8
.2	54.6	.2	44.7	.2	33.8	.2	22.0	.2	8.6
.4	54.4	.4	44.5	.4	33.6	.4	21.7	.4	8.3
.6	54.2	.6	44.3	.6	33.4	.6	21.4	.6	8.0
.8	54.0	.8	44.1	.8	33.2	.8	21.2	.8	7.7
7.	53.8	17.	43.9	27.	32.9	37.	20.9	47.	7.5
.2	53.7	.2	43.7	.2	32.7	.2	20.7	.2	7.2
.4	53.5	.4	43.5	.4	32.5	.4	20.5	.4	6.9
.6	53.3	.6	43.3	.6	32.3	.6	20.2	.6	6.6
.8	53.1	.8	43.1	.8	32.1	.8	19.9	.8	6.3
8.	52.9	18.	42.9	28.	31.8	38.	19.6	48.	6.1
.2	52.8	.2	42.7	.2	31.5	.2	19.3	.2	5.8
.4	52.6	.4	42.5	.4	31.3	.4	19.0	.4	5.5
.6	52.4	.6	42.3	.6	31.0	.6	18.7	.6	5.2
.8	52.2	.8	42.1	.8	30.8	.8	18.5	.8	4.9
9.	52.0	19.	41.9	29.	30.5	39.	18.2	49.	4.7
.2	51.8	.2	41.7	.2	30.3	.2	18.0	.2	4.4
.4	51.6	.4	41.5	.4	30.1	.4	17.7	.4	4.1
.6	51.4	.6	41.3	.6	29.9	.6	17.4	.6	3.8
.8	51.2	.8	41.0	.8	29.7	.8	17.2	.8	3.5
10.	51.0	20.	40.8	30.	29.4	40.	16.9	50.	3.1

TEMPERATURE 87°

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	3.1	60	12.3	70	30.2	80	54.2	90.	78.6		
2	2.8	2	12.5	2	30.7	2	54.6	2	79.1		
.4	2.5	4	12.8	4	31.1	.4	55.0	.4	79.7		
.6	2.2	6	13.2	.6	31.5	.6	55.4	.6	80.3		
.8	1.9	8	13.6	.8	31.9	.8	55.8	.8	80.9		
51.	1.7	61.	14.0	71.	32.4	81.	56.1	91	81.4		
2	1.4	.2	14.3	2	32.8	.2	56.5	.2	81.9		
4	1.1	.4	14.6	4	33.2	.4	56.9	.4	82.5		
.6	.8	.6	14.9	.6	33.6	.6	57.3	.6	83.1		
.8	.6	.8	15.2	.8	34.0	.8	57.7	.8	83.6		
52.	.4	62	15.6	72.	34.5	82.	58.1	92	84.1		
2	.1	2	15.9	2	35.0	.2	58.6	.2	84.6		
.4	.2	.4	16.2	.4	35.4	.4	59.0	.4	85.2		
.6	.5	.6	16.5	.6	35.8	.6	59.4	.6	85.7		
.8	.8	.8	16.8	.8	36.2	.8	59.8	.8	86.3		
53	1.2	63	17.2	73	36.7	83.	60.2	93	86.8		
2	1.5	2	17.6	2	37.2	.2	60.7	.2	87.3		
4	1.8	.4	17.9	.4	37.6	.4	61.1	.4	87.9		
.6	2.1	.6	18.3	.6	38.1	.6	61.5	.6	88.4		
.8	2.4	.8	18.6	.8	38.5	.8	61.9	.8	89.0		
54	2.7	64	19.0	74.	39.0	84.	62.4	94	89.5		
2	3.0	2	19.3	2	39.5	.2	63.0	.2	90.0		
.4	3.3	.4	19.7	.4	39.9	.4	63.5	.4	90.5		
.6	3.6	.6	20.0	.6	40.4	.6	64.0	.6	91.0		
.8	3.9	.8	20.4	.8	40.8	.8	64.5	.8	91.5		
55	4.2	65	20.8	75	41.3	85.	65.0	95	92.0		
.2	4.5	2	21.1	2	41.8	2	65.6	2	92.4		
.4	4.8	.4	21.5	.4	42.2	.4	66.1	.4	92.9		
.6	5.1	.6	21.9	.6	42.7	.6	66.6	.6	93.4		
.8	5.4	.8	22.3	.8	43.1	.8	67.1	.8	93.9		
56	5.8	66.	22.7	76	43.6	86	67.6	96.	94.4		
.2	6.1	.2	23.0	.2	44.1	2	68.2	.2	94.9		
.4	6.4	.4	23.4	.4	44.6	.4	68.7	.4	95.4		
.6	6.7	.6	23.8	.6	45.1	.6	69.2	.6	95.9		
.8	7.0	.8	24.1	.8	45.6	.8	69.8	.8	96.4		
57	7.3	67.	24.5	77	46.1	87	70.3	97	96.9		
.2	7.6	.2	24.8	.2	46.6	.2	70.8	.2	97.4		
.4	7.9	.4	25.2	.4	47.1	.4	71.4	.4	97.8		
.6	8.2	.6	25.6	.6	47.6	.6	72.0	.6	98.2		
.8	8.5	.8	26.0	.8	48.2	.8	72.5	.8	98.7		
58.	8.9	68.	26.4	78.	48.8	88.	73.0	98.	99.1		
.2	9.3	.2	26.7	.2	49.4	2	73.6	.2	99.7		
.4	9.6	.4	27.1	.4	49.9	.4	74.2	.4	100.0		
.6	9.9	.6	27.5	.6	50.5	.6	74.8	.6	—		
.8	10.2	.8	27.9	.8	51.0	.8	75.4	.8	—		
59.	10.6	69.	28.3	79	51.6	89.	75.9	99	—		
.2	11.0	.2	28.6	.2	52.1	.2	76.4	.2	—		
.4	11.3	.4	29.0	.4	52.6	.4	76.9	.4	—		
.6	11.6	.6	29.4	.6	53.1	.6	77.5	.6	—		
.8	11.9	.8	29.8	.8	53.6	.8	78.1	.8	—		
60	12.3	70.	30.2	80.	54.2	90.	78.6	100.	—		

TEMPERATURE 88°

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	60 0	10.	50.7	20	40.5	30.	29.0	40	16.5
.2	59.8	.2	50.5	.2	40.2	.2	28.8	.2	16.3
.4	59.6	.4	50.3	.4	40.0	.4	28.6	.4	16.0
.6	59.4	.6	50.1	.6	39.8	.6	28.4	.6	15.8
.8	59.2	.8	49.9	.8	39.6	.8	28.2	.8	15.5
1.	59.0	11.	49.8	21.	39.3	31.	27.9	41	15.2
.2	58.9	.2	49.6	.2	39.1	.2	27.6	.2	15.0
.4	58.7	.4	49.4	.4	38.9	.4	27.4	.4	14.8
.6	58.5	.6	49.2	.6	38.7	.6	27.2	.6	14.5
.8	58.3	.8	49.0	.8	38.5	.8	27.0	.8	14.3
2.	58.1	12.	48.8	22	38.3	32	26.7	42.	14.0
.2	58.0	.2	48.6	.2	38.1	.2	26.5	.2	13.7
.4	57.8	.4	48.4	.4	37.9	.4	26.3	.4	13.5
.6	57.6	.6	48.2	.6	37.7	.6	26.0	.6	13.2
.8	57.4	.8	48.0	.8	37.5	.8	25.8	.8	13.0
3.	57.2	13	47.8	23	37.2	33.	25.5	43.	12.7
.2	57.1	.2	47.6	.2	37.0	.2	25.3	.2	12.4
.4	56.9	.4	47.4	.4	36.8	.4	25.0	.4	12.2
.6	56.7	.6	47.2	.6	36.6	.6	24.8	.6	11.9
.8	56.5	.8	47.0	.8	36.4	.8	24.6	.8	11.7
4.	56.4	14	46.8	24	36.1	34	24.3	44	11.4
.2	56.3	.2	46.6	.2	35.8	.2	24.1	.2	11.1
.4	56.1	.4	46.4	.4	35.6	.4	23.9	.4	10.8
.6	55.9	.6	46.2	.6	35.4	.6	23.6	.6	10.5
.8	55.7	.8	46.0	.8	35.2	.8	23.4	.8	10.1
5	55.5	15	45.7	25.	34.9	35	23.1	45	9.8
.2	55.4	.2	45.5	.2	34.6	.2	22.8	.2	9.5
.4	55.2	.4	45.3	.4	34.4	.4	22.5	.4	9.2
.6	55.0	.6	45.1	.6	34.2	.6	22.3	.6	8.9
.8	54.8	.8	44.9	.8	33.9	.8	22.1	.8	8.6
6	54.6	16	44.6	26.	33.7	36	21.8	46	8.4
.2	54.4	.2	44.4	.2	33.5	.2	21.5	.2	8.2
.4	54.2	.4	44.2	.4	33.3	.4	21.3	.4	7.9
.6	54.0	.6	44.0	.6	33.1	.6	21.0	.6	7.6
.8	53.8	.8	43.8	.8	32.9	.8	20.8	.8	7.3
7	53.6	17.	43.6	27.	32.6	37	20.5	47	7.1
.2	53.4	.2	43.4	.2	32.4	.2	20.2	.2	6.8
.4	53.2	.4	43.2	.4	32.2	.4	19.9	.4	6.5
.6	53.0	.6	43.0	.6	32.0	.6	19.7	.6	6.2
.8	52.8	.8	42.8	.8	31.8	.8	19.5	.8	6.0
8	52.6	18	42.6	28	31.5	38	19.2	48	5.7
.2	52.5	.2	42.4	.2	31.2	.2	18.9	.2	5.4
.4	52.3	.4	42.2	.4	31.0	.4	18.6	.4	5.1
.6	52.1	.6	42.0	.6	30.7	.6	18.3	.6	4.8
.8	51.9	.8	41.8	.8	30.5	.8	18.1	.8	4.5
9	51.7	19	41.6	29	30.2	39	17.8	49	4.3
.2	51.5	.2	41.4	.2	29.9	.2	17.6	.2	3.9
.4	51.3	.4	41.2	.4	29.7	.4	17.3	.4	3.6
.6	51.1	.6	41.0	.6	29.5	.6	17.0	.6	3.3
.8	50.9	.8	40.8	.8	29.3	.8	16.8	.8	3.0
10	50.7	20.	40.5	30.	29.0	40.	16.5	50	2.7

TEMPERATURE 88°

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	27	60.	12.7	70.	30.7	80.	54.7	90.	78.8
.2	2.4	.2	13.0	.2	31.2	.4	55.1	.2	79.3
.4	2.1	.4	13.3	.4	31.6	.2	55.5	.4	79.9
.6	1.8	.6	13.6	.6	32.0	.6	55.9	.6	80.5
.8	1.5	.8	14.0	.8	32.4	.8	56.3	.8	81.9
51.	1.3	61.	14.4	71.	32.9	81.	56.6	91.	81.6
.2	1.1	.2	14.7	.2	33.3	.2	57.0	.2	82.1
.4	.9	.4	15.0	.4	33.7	.4	57.4	.4	82.7
.6	.6	.6	15.3	.6	34.1	.6	57.8	.6	83.2
.8	.3	.8	15.6	.8	34.5	.8	58.2	.8	83.8
52.		62.	16.0	72.	35.0	82.	58.6	92.	84.3
.2	.3	.2	16.3	.2	35.5	.2	59.0	.2	84.8
.4	.6	.4	16.6	.4	35.9	.4	59.4	.4	85.4
.6	.9	.6	16.9	.6	36.3	.6	59.8	.6	85.9
.8	1.2	.8	17.2	.8	36.7	.8	60.2	.8	86.5
53.	1.6	63.	17.6	73.	37.2	83.	60.6	93.	87.0
.2	1.9	.2	18.0	.2	37.7	.2	61.1	.2	87.5
.4	2.2	.4	18.3	.4	38.2	.4	61.5	.4	88.1
.6	2.5	.6	18.7	.6	38.6	.6	61.9	.6	88.6
.8	2.8	.8	19.0	.8	39.0	.8	62.3	.8	89.2
54.	3.1	64.	19.4	74.	39.5	84.	62.8	94.	89.7
.2	3.4	.2	19.7	.2	40.0	.2	63.4	.2	90.2
.4	3.7	.4	20.1	.4	40.4	.4	63.9	.4	90.7
.6	4.0	.6	20.4	.6	40.9	.6	64.4	.6	91.2
.8	4.3	.8	20.8	.8	41.3	.8	64.9	.8	91.7
55.	4.6	65.	21.2	75.	41.8	85.	65.4	95.	92.2
.2	4.9	.2	21.5	.2	42.3	.2	65.9	.2	92.6
.4	5.2	.4	21.9	.4	42.7	.4	66.4	.4	93.1
.6	5.5	.6	22.3	.6	43.2	.6	66.9	.6	93.6
.8	5.8	.8	22.7	.8	43.6	.8	67.4	.8	94.1
56.	6.2	66.	23.1	76.	44.1	86.	67.9	96.	94.5
.2	6.5	.2	23.4	.2	44.6	.2	68.5	.2	95.0
.4	6.8	.4	23.8	.4	45.1	.4	69.0	.4	95.5
.6	7.1	.6	24.2	.6	45.6	.6	69.5	.6	96.0
.8	7.4	.8	24.5	.8	46.1	.8	70.1	.8	96.5
57.	7.7	67.	24.9	77.	46.6	87.	70.6	97.	97.0
.2	8.0	.2	25.3	.2	47.1	.2	71.1	.2	97.5
.4	8.3	.4	25.7	.4	47.7	.4	71.7	.4	97.9
.6	8.6	.6	26.1	.6	48.2	.6	72.2	.6	98.3
.8	8.9	.8	26.5	.8	48.7	.8	72.7	.8	98.8
58.	9.3	68.	26.9	78.	49.3	88.	73.2	98.	99.3
.2	9.7	.2	27.2	.2	49.9	.2	73.8	.2	99.8
.4	10.0	.4	27.6	.4	50.4	.4	74.4	.4	—
.6	10.3	.6	28.0	.6	51.0	.6	75.0	.6	—
.8	10.6	.8	28.4	.8	51.6	.8	75.6	.8	—
59.	11.0	69.	28.8	79.	52.1	89.	76.1	99.	—
.2	11.4	.2	29.2	.2	52.6	.2	76.6	.2	—
.4	11.7	.4	29.6	.4	53.1	.4	77.2	.4	—
.6	12.0	.6	29.9	.6	53.6	.6	77.8	.6	—
.8	12.3	.8	30.3	.8	54.1	.8	78.4	.8	—
60.	12.7	70.	30.7	80.	54.7	90.	78.8	100.	—

TEMPERATURE 89°

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	50 8	10.	50 4	20.	40.2	30.	28.7	40	16.2
.2	50 0	.2	50.3	.2	39.0	.2	28.5	.2	16.0
.4	50.4	.4	50 1	.4	39 7	.4	28 3	.4	15.7
.6	50 2	.6	49.9	.6	39.5	.6	28.1	.6	15.5
.8	50 0	.8	49.7	.8	39.3	.8	27.9	.8	15.2
1	58 8	11.	49 5	21.	30 0	31.	27 6	41	14 9
.2	58 6	.2	49 3	.2	38.8	.2	27.4	.2	14.7
.4	58 4	.4	49 1	.4	38 6	.4	27 1	.4	14 4
.6	58 2	.6	48 9	.6	38 4	.6	26 9	.6	14.1
.8	58 0	.8	48 7	.8	38 2	.8	26 7	.8	13.9
2	57 8	12	48 5	22.	38.0	32.	26 4	42.	13 6
.2	57 7	.2	48.3	.2	37 8	.2	26 2	.2	13 4
.4	57 5	.4	48 1	.4	37 6	.4	26 0	.4	13 1
.6	57.3	.6	47.9	.6	37 4	.6	25.7	.6	12.8
.8	57 1	.8	47 7	.8	37 2	.8	25.5	.8	12 6
3	56 9	13	47.5	23.	36.9	33.	25 2	43	12.3
.2	56.8	.2	47.3	.2	36 7	.2	25 0	.2	12.1
.5	56 0	.4	47 1	.4	36.5	.4	24 7	.4	11 8
.6	56 4	.6	46 9	.6	36 3	.6	24.5	.6	11 5
.8	56 2	.8	46 7	.8	36 1	.8	24 3	.8	11.3
4	56 1	14.	46 5	24.	35 8	34.	24.0	44	11 0
.2	56.0	.2	46.3	.2	35 5	.2	23 8	.2	10.7
.4	55.8	.4	46.1	.4	35.3	.4	23.5	.4	10 4
.6	55 0	.6	45.9	.6	35 1	.6	23.3	.6	10 1
.8	55 4	.8	45 7	.8	34 9	.8	23 1	.8	9 8
5.	55 2	15	45 4	25.	34 6	35	22 8	45.	9 4
.2	55 1	.2	45.2	.2	34 3	.2	22 5	.2	9 1
.4	54 9	.4	45 0	.4	34 1	.4	22.3	.4	8 8
.6	54 7	.6	44 8	.6	33 9	.6	22 0	.6	8 5
.8	54 5	.8	44.6	.8	33 6	.8	21.8	.8	8 2
6	54 3	16	44 3	26	33 4	36.	21 5	46.	8 0
.2	54 1	.2	44 1	.2	33 2	.2	21 2	.2	7 8
.4	53 9	.4	43 9	.4	33 0	.4	20 9	.4	7 5
.6	53 7	.6	43 7	.6	32 8	.6	20 7	.6	7 2
.8	53 5	.8	43.5	.8	32 6	.8	20 5	.8	6 9
7	53 3	17	43 3	27	32 3	37	20.2	47.	6 7
.2	53 1	.2	43 1	.2	32 1	.2	19.9	.2	6 4
.4	52 9	.4	42 9	.4	31 9	.4	19 7	.4	6 1
.6	52 7	.6	42 7	.6	31 7	.6	19 4	.6	5 8
.8	52 5	.8	42 5	.8	31 5	.8	19 2	.8	5 5
8.	52 3	18	42 3	28.	31.2	38.	18 9	48.	5 3
.2	52 2	.2	42 1	.2	30 9	.2	18 6	.2	5 0
.4	52 0	.4	41 9	.4	30 7	.4	18.3	.4	4 7
.6	51 8	.6	41 7	.6	30.5	.6	18 0	.6	4 4
.8	51 6	.8	41.5	.8	30 2	.8	17 8	.8	4 1
9	51 4	19	41 3	29	29.9	39.	17.5	49.	3 9
.2	51 2	.2	41 1	.2	29.6	.2	17.3	.2	3 6
.4	51 0	.4	40 9	.4	29 4	.4	17.0	.4	3 3
.6	50 8	.6	40 7	.6	29.2	.6	16 7	.6	3 0
.8	50 6	.8	40.5	.8	29.0	.8	16 5	.8	2 7
10.	50 4	20.	40 2	30.	28.7	40.	16 2	50.	2 3

TEMPERATURE 89°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	2.3	60.	13.1	70.	31.2	80.	55.2	90.	79.0
2	2.0	2	13.4	2	31.6	2	55.6	2	79.5
.4	1.7	.4	13.7	.4	32.0	.4	56.0	.4	80.1
.6	1.4	.6	14.0	.6	32.4	.6	56.4	.6	80.7
.8	1.1	.8	14.4	.8	32.8	.8	56.8	.8	81.2
51.	.9	61.	14.8	71.	33.3	81.	57.1	91.	81.8
2	.7	2	15.1	2	33.8	2	57.5	2	82.3
.4	.5	.4	15.4	.4	34.2	.4	57.9	.4	82.9
.6	2	.6	15.7	.6	34.6	.6	58.3	.6	83.4
.8	.1	.8	16.0	.8	35.0	.8	58.6	.8	83.9
52.	.4	62.	16.4	72.	35.5	82.	59.0	92.	84.5
2	.7	2	16.7	2	36.0	2	59.4	2	85.0
.4	1.0	.4	17.0	.4	36.4	.4	59.8	.4	85.6
.6	1.3	.6	17.3	.6	36.8	.6	60.2	.6	86.1
.8	1.6	.8	17.7	.8	37.2	.8	60.6	.8	86.7
53.	2.0	63.	18.1	73.	37.7	83.	61.0	93.	87.2
2	2.3	2	18.5	2	38.2	2	61.5	2	87.7
.4	2.6	.4	18.8	.4	38.6	.4	62.0	.4	88.3
.6	2.9	.6	19.1	.6	39.1	.6	62.5	.6	88.9
.8	3.2	.8	19.4	.8	39.5	.8	62.9	.8	89.4
54.	3.5	64.	19.8	74.	40.0	84.	63.4	94.	89.9
2	3.8	2	20.2	2	40.5	2	63.9	2	90.4
.4	4.1	.4	20.5	.4	40.9	.4	64.3	.4	90.9
.6	4.4	.6	20.8	.6	41.4	.6	64.7	.6	91.4
.8	4.7	.8	21.2	.8	41.8	.8	65.2	.8	91.9
55.	5.0	65.	21.6	75.	42.3	85.	65.7	95.	92.4
2	5.3	2	21.9	2	42.8	2	66.2	2	92.9
.4	5.6	.4	22.3	.4	43.2	.4	66.7	.4	93.3
.6	5.9	.6	22.7	.6	43.7	.6	67.2	.6	93.8
.8	6.2	.8	23.1	.8	44.1	.8	67.7	.8	94.3
56.	6.6	66.	23.5	76.	44.6	86.	68.2	96.	94.7
2	6.9	2	23.8	2	45.1	2	68.8	2	95.1
.4	7.2	.4	24.2	.4	45.6	.4	69.3	.4	95.6
.6	7.5	.6	24.6	.6	46.1	.6	69.8	.6	96.1
.8	7.8	.8	25.0	.8	46.6	.8	70.4	.8	96.6
57.	8.1	67.	25.4	77.	47.1	87.	70.9	97.	97.1
2	8.4	2	25.7	2	47.6	2	71.5	2	97.6
.4	8.7	.4	26.1	.4	48.2	.4	72.0	.4	98.0
.6	9.0	.6	26.5	.6	48.7	.6	72.6	.6	98.5
.8	9.3	.8	26.9	.8	49.2	.8	73.0	.8	98.9
58.	9.7	68.	27.3	78.	49.8	88.	73.5	98.	99.4
2	10.1	2	27.7	2	50.4	2	74.1	2	99.9
.4	10.4	.4	28.1	.4	50.9	.4	74.7	.4	---
.6	10.7	.6	28.5	.6	51.5	.6	75.3	.6	---
.8	11.0	.8	28.9	.8	52.0	.8	75.9	.8	---
59.	11.4	69.	29.4	79.	52.6	89.	76.4	99.	---
2	11.8	2	29.7	2	53.1	2	76.9	2	---
.4	12.1	.4	30.1	.4	53.6	.4	77.4	.4	---
.6	12.4	.6	30.5	.6	54.1	.6	77.9	.6	---
.8	12.7	.8	30.9	.8	54.6	.8	78.5	.8	---
60.	13.1	70.	31.3	80.	55.2	90.	79.0	100.	---

TEMPERATURE 90°

Wts & Divs. on Stem.	Per Cent. over Proof.	Wts & Divs. on Stem.	Per Cent. over Proof.	Wts & Divs. on Stem.	Per Cent. over Proof.	Wts & Divs. on Stem.	Per Cent. over Proof.	Wts & Divs. on Stem.	Per Cent. over Proof.
0.	59.5	10	50.1	20.	39.8	30.	28.3	40.	15.8
.2	59.3	.2	50.0	.2	39.5	.2	28.1	.2	15.5
.4	59.1	.4	49.8	.4	39.3	.4	27.9	.4	15.3
.6	58.9	.6	49.6	.6	39.1	.6	27.7	.6	15.0
.8	58.7	.8	49.4	.8	38.9	.8	27.5	.8	14.7
1	58.5	11	49.2	21	38.6	31	27.2	41	14.5
.2	58.3	.2	49.0	.2	38.4	.2	27.0	.2	14.3
.4	58.1	.4	48.8	.4	38.2	.4	26.7	.4	14.1
.6	57.9	.6	48.6	.6	38.0	.6	26.5	.6	13.7
.8	57.7	.8	48.4	.8	37.8	.8	26.3	.8	13.5
2	57.5	12	48.2	22	37.6	32	26.0	42	13.2
.2	57.4	.2	48.0	.2	37.4	.2	25.8	.2	13.0
.4	57.2	.4	47.8	.4	37.2	.4	25.6	.4	12.7
.6	57.0	.6	47.6	.6	37.0	.6	25.3	.6	12.4
.8	56.8	.8	47.4	.8	36.8	.8	25.1	.8	12.2
3	56.7	13	47.2	23	36.5	33	24.8	43	11.9
.2	56.5	.2	47.0	.2	36.3	.2	24.6	.2	11.6
.4	56.3	.4	46.8	.4	36.1	.4	24.3	.4	11.4
.6	56.1	.6	46.6	.6	35.9	.6	24.1	.6	11.1
.8	55.9	.8	46.4	.8	35.7	.8	23.9	.8	10.9
4	55.8	14	46.2	24	35.4	34	23.6	44	10.6
.2	55.7	.2	46.0	.2	35.1	.2	23.4	.2	10.3
.4	55.5	.4	45.8	.4	34.9	.4	23.1	.4	10.0
.6	55.3	.6	45.6	.6	34.7	.6	22.9	.6	9.7
.8	55.1	.8	45.4	.8	34.5	.8	22.7	.8	9.4
5	54.9	15	45.1	25	34.2	35	22.4	45	9.1
.2	54.8	.2	44.9	.2	34.0	.2	22.1	.2	8.8
.4	54.6	.4	44.7	.4	33.7	.4	21.8	.4	8.5
.6	54.4	.6	44.5	.6	33.5	.6	21.6	.6	8.2
.8	54.2	.8	44.3	.8	33.3	.8	21.4	.8	7.9
6	54.0	16	44.0	26	33.0	36	21.1	46	7.7
.2	53.8	.2	43.8	.2	32.8	.2	20.8	.2	7.5
.4	53.6	.4	43.6	.4	32.6	.4	20.6	.4	7.2
.6	53.4	.6	43.4	.6	32.4	.6	20.3	.6	6.9
.8	53.2	.8	43.2	.8	32.2	.8	20.1	.8	6.6
7	53.0	17	43.0	27	31.9	37	19.8	47	6.4
.2	52.8	.2	42.7	.2	31.7	.2	19.5	.2	6.1
.4	52.6	.4	42.5	.4	31.5	.4	19.3	.4	5.8
.6	52.4	.6	42.3	.6	31.3	.6	19.0	.6	5.5
.8	52.2	.8	42.1	.8	31.1	.8	18.8	.8	5.2
8	52.0	18	41.9	28	30.8	38	18.5	48	5.0
.2	51.9	.2	41.7	.2	30.6	.2	18.2	.2	4.7
.4	51.7	.4	41.5	.4	30.3	.4	17.9	.4	4.4
.6	51.5	.6	41.3	.6	30.1	.6	17.6	.6	4.1
.8	51.3	.8	41.1	.8	29.8	.8	17.4	.8	3.8
9	51.1	19	40.9	29	29.5	39	17.1	49	3.6
.2	50.9	.2	40.7	.2	29.2	.2	16.9	.2	3.3
.4	50.7	.4	40.5	.4	29.0	.4	16.7	.4	3.0
.6	50.5	.6	40.3	.6	28.8	.6	16.4	.6	2.7
.8	50.3	.8	40.1	.8	28.6	.8	16.1	.8	2.4
10	50.1	20	39.8	30	28.3	40	15.8	50	2.0

TEMPERATURE 90°

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50	2.0	60.	13.5	70.	31.7	80.	55.8	90.	79.2
.2	1.7	.2	13.8	.2	32.1	.2	56.1	.2	79.7
.4	1.4	.4	14.1	.4	32.5	.4	56.5	.4	80.3
.6	1.1	.6	14.4	.6	32.9	.6	56.9	.6	80.9
.8	.8	.8	14.8	.8	33.3	.8	57.2	.8	81.4
51	.6	01.	15.3	71	33.8	81	57.6	01	81.0
.2	.4	.2	15.6	.2	34.2	.2	58.0	.2	82.4
.4	.1	.4	15.9	.4	34.6	.4	58.4	.4	83.0
.6	.2	.6	16.2	.6	35.0	.6	58.8	.6	83.5
.8	.5	.8	16.5	.8	35.4	.8	59.2	.8	84.1
52	.8	02	16.9	72	35.9	82	59.5	02	84.6
.2	1.1	.2	17.2	.2	36.4	.2	59.9	.2	85.1
.4	1.4	.4	17.5	.4	36.8	.4	60.3	.4	85.7
.6	1.7	.6	17.8	.6	37.2	.6	60.7	.6	86.2
.8	2.0	.8	18.2	.8	37.6	.8	61.1	.8	86.8
53	2.3	03.	18.6	73.	38.1	83	61.5	03	87.3
.2	2.5	.2	19.0	.2	38.6	.2	61.9	.2	87.8
.4	2.8	.4	19.3	.4	39.0	.4	62.3	.4	88.4
.6	3.1	.6	19.7	.6	39.5	.6	62.7	.6	88.9
.8	3.5	.8	20.0	.8	40.0	.8	63.2	.8	89.5
54	3.8	04	20.3	74	40.5	84.	63.6	04	90.0
.2	4.1	.2	20.7	.2	41.0	.2	64.1	.2	90.5
.4	4.4	.4	21.0	.4	41.4	.4	64.6	.4	91.0
.6	4.7	.6	21.4	.6	41.9	.6	65.1	.6	91.5
.8	5.0	.8	21.8	.8	42.4	.8	65.6	.8	92.0
55	5.3	05	22.1	75	42.9	85	66.1	05	92.5
.2	5.7	.2	22.4	.2	43.4	.2	66.6	.2	92.9
.4	6.0	.4	22.8	.4	43.8	.4	67.1	.4	93.4
.6	6.3	.6	23.2	.6	44.3	.6	67.6	.6	93.9
.8	6.6	.8	23.6	.8	44.7	.8	68.1	.8	94.4
56	7.0	06.	24.0	76.	45.2	86	68.6	06.	94.9
.2	7.3	.2	24.3	.2	45.7	.2	69.2	.2	95.3
.4	7.6	.4	24.7	.4	46.2	.4	69.7	.4	95.8
.6	7.9	.6	25.1	.6	46.7	.6	70.2	.6	96.3
.8	8.2	.8	25.5	.8	47.2	.8	70.7	.8	96.8
57.	8.5	07.	25.9	77.	47.7	87.	71.2	07.	97.2
.2	8.8	.2	26.2	.2	48.2	.2	71.8	.2	97.6
.4	9.1	.4	26.6	.4	48.8	.4	72.3	.4	98.1
.6	9.4	.6	27.0	.6	49.3	.6	72.8	.6	98.6
.8	9.7	.8	27.4	.8	49.8	.8	73.3	.8	99.1
58.	10.1	08.	27.8	78.	50.4	88.	73.8	08.	99.6
.2	10.5	.2	28.1	.2	51.0	.2	74.3	.2	100.0
.4	10.8	.4	28.5	.4	51.5	.4	74.9	.4	—
.6	11.1	.6	28.9	.6	52.1	.6	75.5	.6	—
.8	11.4	.8	29.3	.8	52.6	.8	76.1	.8	—
59	11.8	09.	29.7	79.	53.2	89.	76.6	09.	—
.2	12.2	.2	30.1	.2	53.7	.2	77.1	.2	—
.4	12.5	.4	30.5	.4	54.2	.4	77.6	.4	—
.6	12.8	.6	30.9	.6	54.7	.6	78.1	.6	—
.8	13.1	.8	31.3	.8	55.2	.8	78.7	.8	—
60.	13.5	70.	31.7	80.	55.8	90.	79.2	100.	—

TEMPERATURE 91°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	59.3	10.	49.8	20.	39.4	30.	28.0	40.	15.5
.2	59.1	.2	49.7	.2	39.1	.2	27.7	.2	15.2
.4	58.9	.4	49.5	.4	38.9	.4	27.5	.4	15.0
.6	58.7	.6	49.3	.6	38.7	.6	27.3	.6	14.7
.8	58.5	.8	49.1	.8	38.5	.8	27.1	.8	14.5
1.	58.3	11.	48.9	21.	38.2	31.	26.8	41.	14.2
.2	58.1	.2	48.7	.2	38.0	.2	26.5	.2	13.9
.4	57.9	.4	48.5	.4	37.8	.4	26.3	.4	13.7
.6	57.7	.6	48.3	.6	37.6	.6	26.1	.6	13.4
.8	57.5	.8	48.1	.8	37.4	.8	25.9	.8	13.2
2.	57.3	12.	47.9	22.	37.2	32.	25.6	42.	12.9
.2	57.2	.2	47.7	.2	37.0	.2	25.3	.2	12.6
.4	57.0	.4	47.5	.4	36.8	.4	25.1	.4	12.4
.6	56.8	.6	47.3	.6	36.6	.6	24.9	.6	12.1
.8	56.6	.8	47.1	.8	36.4	.8	24.7	.8	11.9
3.	56.5	13.	46.9	23.	36.1	33.	24.4	43.	11.6
.2	56.4	.2	46.7	.2	35.9	.2	24.1	.2	11.3
.4	56.2	.4	46.5	.4	35.7	.4	23.9	.4	11.1
.6	56.0	.6	46.3	.6	35.5	.6	23.7	.6	10.8
.8	55.8	.8	46.1	.8	35.3	.8	23.5	.8	10.6
4.	55.6	14.	45.9	24.	35.0	34.	23.2	44.	10.3
.2	55.5	.2	45.6	.2	34.7	.2	22.9	.2	10.0
.4	55.3	.4	45.4	.4	34.5	.4	22.7	.4	9.7
.6	55.1	.6	45.2	.6	34.3	.6	22.5	.6	9.4
.8	54.9	.8	45.0	.8	34.1	.8	22.3	.8	9.1
5.	54.7	15.	44.7	25.	33.8	35.	22.0	45.	8.8
.2	54.6	.2	44.5	.2	33.6	.2	21.6	.2	8.6
.4	54.4	.4	44.3	.4	33.3	.4	21.4	.4	8.3
.6	54.2	.6	44.1	.6	33.1	.6	21.2	.6	8.0
.8	54.0	.8	43.9	.8	32.9	.8	21.0	.8	7.7
6.	53.8	16.	43.6	26.	32.6	36.	20.7	46.	7.4
.2	53.6	.2	43.4	.2	32.4	.2	20.3	.2	7.2
.4	53.4	.4	43.2	.4	32.2	.4	20.1	.4	6.9
.6	53.2	.6	43.0	.6	32.0	.6	19.9	.6	6.6
.8	53.0	.8	42.8	.8	31.8	.8	19.7	.8	6.4
7.	52.8	17.	42.6	27.	31.5	37.	19.4	47.	6.1
.2	52.6	.2	42.4	.2	31.3	.2	19.1	.2	5.9
.4	52.4	.4	42.2	.4	31.1	.4	18.9	.4	5.6
.6	52.2	.6	42.0	.6	30.9	.6	18.6	.6	5.3
.8	52.0	.8	41.8	.8	30.7	.8	18.4	.8	5.0
8.	51.7	18.	41.5	28.	30.4	38.	18.1	48.	4.7
.2	51.6	.2	41.3	.2	30.1	.2	17.8	.2	4.4
.4	51.4	.4	41.1	.4	29.9	.4	17.5	.4	4.1
.6	51.2	.6	40.9	.6	29.7	.6	17.3	.6	3.8
.8	51.0	.8	40.7	.8	29.5	.8	17.1	.8	3.5
9.	50.8	19.	40.5	29.	29.2	39.	16.8	49.	3.2
.2	50.6	.2	40.3	.2	28.9	.2	16.6	.2	2.8
.4	50.4	.4	40.1	.4	28.7	.4	16.3	.4	2.5
.6	50.2	.6	39.9	.6	28.5	.6	16.0	.6	2.2
.8	50.0	.8	39.7	.8	28.3	.8	15.8	.8	1.9
10.	49.8	20.	39.4	30.	28.0	40.	15.5	50.	1.6

TEMPERATURE 91°

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	1.6	60.	13.9	70.	32.1	80.	56.3	90.	79.5
.2	1.3	.2	14.3	.2	32.5	.2	56.6	.2	80.0
.4	1.1	.4	14.7	.4	32.9	.4	57.0	.4	80.5
.6	.8	.6	15.1	.6	33.3	.6	57.4	.6	81.0
.8	.6	.8	15.5	.8	33.7	.8	57.8	.8	81.5
51.	.3	61.	15.8	71.	34.2	81.	58.2	91.	82.1
.2		.2	16.1	.2	34.7	.2	58.6	.2	82.6
.4	.3	.4	16.4	.4	35.1	.4	58.9	.4	83.1
.6	.6	.6	16.7	.6	35.5	.6	59.3	.6	83.6
.8	.8	.8	17.0	.8	35.9	.8	59.6	.8	84.1
52.	1.1	62.	17.4	72.	36.4	82.	60.0	92.	84.7
.2	1.4	.2	17.8	.2	36.9	.2	60.3	.2	85.3
.4	1.7	.4	18.1	.4	37.3	.4	60.7	.4	85.8
.6	2.0	.6	18.4	.6	37.7	.6	61.1	.6	86.3
.8	2.3	.8	18.7	.8	38.1	.8	61.5	.8	86.8
53.	2.6	63.	19.1	73.	38.6	83.	61.9	93.	87.4
.2	2.9	.2	19.5	.2	39.1	.2	62.4	.2	88.0
.4	3.2	.4	19.8	.4	39.6	.4	62.8	.4	88.5
.6	3.5	.6	20.1	.6	40.1	.6	63.2	.6	89.0
.8	3.8	.8	20.4	.8	40.6	.8	63.6	.8	89.5
54.	4.1	64.	20.8	74.	41.1	84.	64.1	94.	90.1
.2	4.4	.2	21.1	.2	41.6	.2	64.5	.2	90.7
.4	4.7	.4	21.5	.4	42.1	.4	65.0	.4	91.2
.6	5.0	.6	21.9	.6	42.6	.6	65.5	.6	91.7
.8	5.3	.8	22.3	.8	43.1	.8	66.0	.8	92.2
55.	5.6	65.	22.6	75.	43.5	85.	66.4	95.	92.6
.2	6.0	.2	23.0	.2	43.9	.2	66.9	.2	93.1
.4	6.3	.4	23.4	.4	44.4	.4	67.4	.4	93.6
.6	6.7	.6	23.8	.6	44.8	.6	67.9	.6	94.1
.8	7.0	.8	24.2	.8	45.3	.8	68.4	.8	94.6
56.	7.4	66.	24.5	76.	45.8	86.	68.9	96.	95.0
.2	7.7	.2	24.8	.2	46.3	.2	69.5	.2	95.4
.4	8.0	.4	25.2	.4	46.8	.4	70.0	.4	95.9
.6	8.3	.6	25.6	.6	47.3	.6	70.5	.6	96.4
.8	8.6	.8	26.0	.8	47.8	.8	71.0	.8	96.9
57.	8.9	67.	26.4	77.	48.3	87.	71.6	97.	97.3
.2	9.2	.2	26.7	.2	48.8	.2	72.1	.2	97.7
.4	9.5	.4	27.1	.4	49.3	.4	72.6	.4	98.2
.6	9.8	.6	27.5	.6	49.8	.6	73.1	.6	98.7
.8	10.1	.8	27.9	.8	50.3	.8	73.6	.8	99.2
58.	10.5	68.	28.3	78.	50.9	88.	74.0	98.	99.7
.2	10.9	.2	28.7	.2	51.4	.2	74.5	.2	—
.4	11.2	.4	29.1	.4	52.0	.4	75.1	.4	—
.6	11.5	.6	29.5	.6	52.6	.6	75.7	.6	—
.8	11.8	.8	29.9	.8	53.1	.8	76.3	.8	—
59.	12.2	69.	30.2	79.	53.7	89.	76.9	99.	—
.2	12.6	.2	30.6	.2	54.2	.2	77.4	.2	—
.4	12.9	.4	31.0	.4	54.7	.4	77.9	.4	—
.6	13.2	.6	31.4	.6	55.2	.6	78.4	.6	—
.8	13.5	.8	31.8	.8	55.7	.8	78.9	.8	—
60.	13.9	70.	32.1	80.	56.3	90.	79.5	100.	—

TEMPERATURE 92°

Wts. & Dirs. on Stem.	Per Cent. over Proof.	Wts. & Dirs. on Stem.	Per Cent. over Proof.	Wts. & Dirs. on Stem.	Per Cent. over Proof.	Wts. & Dirs. on Stem.	Per Cent. over Proof.	Wts. & Dirs. on Stem.	Per Cent. over Proof.
0.	59.0	10.	49.5	20.	39.1	30.	27.7	40.	15.1
.2	58.8	.2	49.4	.2	38.8	.2	27.4	.2	14.8
.4	58.6	.4	49.2	.4	38.6	.4	27.2	.4	14.6
.6	58.4	.6	49.0	.6	38.4	.6	26.9	.6	14.3
.8	58.2	.8	48.8	.8	38.2	.8	26.7	.8	14.1
1.	58.0	11.	48.6	21.	37.9	31.	26.4	41.	13.8
.2	57.8	.2	48.4	.2	37.7	.2	26.1	.2	13.5
.4	57.6	.4	48.2	.4	37.5	.4	25.9	.4	13.3
.6	57.4	.6	48.0	.6	37.3	.6	25.7	.6	13.0
.8	57.2	.8	47.8	.8	37.1	.8	25.5	.8	12.8
2	57.0	12.	47.6	22.	36.9	32.	25.2	42.	12.5
.2	56.9	.2	47.4	.2	36.7	.2	24.9	.2	12.2
.4	56.7	.4	47.2	.4	36.5	.4	24.7	.4	12.0
.6	56.5	.6	47.0	.6	36.3	.6	24.5	.6	11.7
.8	56.3	.8	46.8	.8	36.1	.8	24.3	.8	11.5
3	56.2	13	46.6	23.	35.8	33	24.0	43.	11.2
.2	56.1	.2	46.4	.2	35.6	.2	23.7	.2	10.9
.4	55.9	.4	46.2	.4	35.4	.4	23.5	.4	10.7
.6	55.7	.6	46.0	.6	35.2	.6	23.3	.6	10.4
.8	55.5	.8	45.8	.8	35.0	.8	23.1	.8	10.2
4	55.3	14.	45.6	24.	34.7	34.	22.8	44	9.9
.2	55.2	.2	45.3	.2	34.4	.2	22.5	.2	9.6
.4	55.0	.4	45.1	.4	34.2	.4	22.3	.4	9.3
.6	54.8	.6	44.9	.6	34.0	.6	22.1	.6	9.0
.8	54.6	.8	44.7	.8	33.8	.8	21.9	.8	8.7
5	54.4	15.	44.4	25	33.5	35	21.6	45.	8.4
.2	54.3	.2	44.2	.2	33.2	.2	21.3	.2	8.2
.4	54.1	.4	44.0	.4	33.0	.4	21.1	.4	7.9
.6	53.9	.6	43.8	.6	32.8	.6	20.8	.6	7.6
.8	53.7	.8	43.6	.8	32.6	.8	20.6	.8	7.3
6	53.5	16.	43.3	26.	32.3	36.	20.3	46.	7.0
.2	53.3	.2	43.1	.2	32.1	.2	20.0	.2	6.8
.4	53.1	.4	42.9	.4	31.9	.4	19.8	.4	6.5
.6	52.9	.6	42.7	.6	31.7	.6	19.5	.6	6.2
.8	52.7	.8	42.5	.8	31.5	.8	19.3	.8	6.0
7.	52.5	17	42.3	27.	31.2	37.	19.0	47.	5.7
.2	52.3	.2	42.1	.2	31.0	.2	18.7	.2	5.4
.4	52.1	.4	41.9	.4	30.8	.4	18.5	.4	5.1
.6	51.9	.6	41.7	.6	30.6	.6	18.2	.6	4.8
.8	51.7	.8	41.5	.8	30.4	.8	18.0	.8	4.6
8	51.5	18.	41.2	28	30.1	38.	17.7	48	4.3
.2	51.3	.2	41.0	.2	29.8	.2	17.4	.2	4.0
.4	51.1	.4	40.8	.4	29.6	.4	17.1	.4	3.7
.6	50.9	.6	40.6	.6	29.4	.6	16.9	.6	3.4
.8	50.7	.8	40.4	.8	29.2	.8	16.7	.8	3.1
9.	50.5	19.	40.2	29.	28.9	39.	16.4	49.	2.8
.2	50.3	.2	40.0	.2	28.6	.2	16.2	.2	2.4
.4	50.1	.4	39.8	.4	28.4	.4	15.9	.4	2.1
.6	49.9	.6	39.6	.6	28.2	.6	15.6	.6	1.8
.8	49.7	.8	39.4	.8	28.0	.8	15.4	.8	1.5
10.	49.5	20.	39.1	30.	27.7	40.	15.1	50.	1.2

TEMPERATURE 92°

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	1.2	60.	14.3	70.	32.6	80.	56.0	90.	79.7
.2	.9	.2	14.6	.2	33.0	.2	57.2	.2	80.2
.4	.7	.4	15.0	.4	33.4	.4	57.6	.4	80.7
.6	.4	.6	15.4	.6	33.8	.6	58.0	.6	81.2
.8	.2	.8	15.8	.8	34.2	.8	58.4	.8	81.7
51.	.1	61.	16.2	71.	34.7	81.	58.7	91.	82.3
.2	.4	.2	16.5	.2	35.2	.2	59.0	.2	82.8
.4	.7	.4	16.8	.4	35.6	.4	59.4	.4	83.3
.6	1.0	.6	17.1	.6	36.0	.6	59.8	.6	83.8
.8	1.3	.8	17.4	.8	36.4	.8	60.2	.8	84.3
52.	1.5	62.	17.8	72.	36.9	82.	60.5	92.	84.9
.2	1.8	.2	18.2	.2	37.4	.2	60.8	.2	85.5
.4	2.1	.4	18.5	.4	37.8	.4	61.2	.4	86.0
.6	2.4	.6	18.8	.6	38.2	.6	61.6	.6	86.5
.8	2.7	.8	19.1	.8	38.6	.8	62.0	.8	87.0
53.	3.0	63.	19.5	73.	39.1	83.	62.4	93.	87.6
.2	3.3	.2	19.9	.2	39.6	.2	62.8	.2	88.2
.4	3.6	.4	20.2	.4	40.1	.4	63.2	.4	88.7
.6	3.9	.6	20.5	.6	40.6	.6	63.6	.6	89.2
.8	4.2	.8	20.8	.8	41.1	.8	64.0	.8	89.7
54.	4.5	64.	21.2	74.	41.6	84.	64.5	94.	90.3
.2	4.8	.2	21.5	.2	42.1	.2	64.9	.2	90.8
.4	5.1	.4	21.9	.4	42.6	.4	65.4	.4	91.3
.6	5.4	.6	22.3	.6	43.1	.6	65.9	.6	91.8
.8	5.7	.8	22.7	.8	43.6	.8	66.4	.8	92.3
55.	6.0	65.	23.0	75.	44.0	85.	66.8	95.	92.8
.2	6.4	.2	23.4	.2	44.4	.2	67.3	.2	93.3
.4	6.7	.4	23.8	.4	44.9	.4	67.8	.4	93.8
.6	7.1	.6	24.2	.6	45.3	.6	68.3	.6	94.3
.8	7.4	.8	24.6	.8	45.8	.8	68.8	.8	94.8
56.	7.8	66.	24.9	76.	46.3	86.	69.3	96.	95.2
.2	8.1	.2	25.2	.2	46.8	.2	69.8	.2	95.6
.4	8.4	.4	25.6	.4	47.3	.4	70.3	.4	96.1
.6	8.7	.6	26.0	.6	47.8	.6	70.8	.6	96.6
.8	9.0	.8	26.4	.8	48.3	.8	71.3	.8	97.1
57.	9.3	67.	26.8	77.	48.8	87.	71.9	97.	97.5
.2	9.6	.2	27.1	.2	49.4	.2	72.4	.2	97.9
.4	9.9	.4	27.5	.4	49.9	.4	72.9	.4	98.4
.6	10.2	.6	27.9	.6	50.4	.6	73.4	.6	98.9
.8	10.5	.8	28.3	.8	50.9	.8	73.9	.8	99.4
58.	10.9	68.	28.7	78.	51.5	88.	74.3	98.	99.9
.2	11.3	.2	29.1	.2	52.0	.2	74.8	.2	—
.4	11.6	.4	29.5	.4	52.6	.4	75.4	.4	—
.6	11.9	.6	29.9	.6	53.2	.6	76.0	.6	—
.8	12.2	.8	30.3	.8	53.8	.8	76.6	.8	—
59.	12.6	69.	30.6	79.	54.3	89.	77.1	99.	—
.2	13.0	.2	31.0	.2	54.8	.2	77.6	.2	—
.4	13.3	.4	31.4	.4	55.3	.4	78.1	.4	—
.6	13.6	.6	31.8	.6	55.8	.6	78.6	.6	—
.8	13.9	.8	32.2	.8	56.3	.8	79.1	.8	—
60.	14.3	70.	32.6	80.	56.9	90.	79.7	100.	—

TEMPERATURE 93°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	58.7	10.	49.2	20.	38.8	30.	27.3	40.	14.7
.2	58.5	.2	49.1	.2	38.5	.2	27.0	.2	14.4
.4	58.3	.4	48.9	.4	38.3	.4	26.8	.4	14.2
.6	58.1	.6	48.7	.6	38.1	.6	26.6	.6	13.9
.8	57.9	.8	48.5	.8	37.9	.8	26.4	.8	13.7
1.	57.7	11.	48.3	21.	37.6	31.	26.1	41.	13.4
.2	57.5	.2	48.1	.2	37.4	.2	25.8	.2	13.1
.4	57.3	.4	47.9	.4	37.2	.4	25.6	.4	12.8
.6	57.1	.6	47.7	.6	37.0	.6	25.4	.6	12.6
.8	56.9	.8	47.5	.8	36.8	.8	25.2	.8	12.4
2.	56.7	12.	47.3	22.	36.6	32.	24.9	42.	12.1
.2	56.6	.2	47.1	.2	36.4	.2	24.6	.2	11.8
.4	56.4	.4	46.9	.4	36.2	.4	24.4	.4	11.6
.6	56.2	.6	46.7	.6	36.0	.6	24.2	.6	11.3
.8	56.0	.8	46.5	.8	35.8	.8	24.0	.8	11.1
3.	55.9	13.	46.3	23.	35.5	33.	23.7	43.	10.8
.2	55.8	.2	46.1	.2	35.3	.2	23.4	.2	10.5
.4	55.6	.4	45.9	.4	35.1	.4	23.2	.4	10.3
.6	55.4	.6	45.7	.6	34.9	.6	23.0	.6	10.0
.8	55.2	.8	45.5	.8	34.7	.8	22.8	.8	9.8
4.	55.0	14.	45.3	24.	34.4	34.	22.5	44.	9.5
.2	54.9	.2	45.0	.2	34.1	.2	22.2	.2	9.2
.4	54.7	.4	44.8	.4	33.9	.4	22.0	.4	8.9
.6	54.5	.6	44.6	.6	33.7	.6	21.8	.6	8.6
.8	54.3	.8	44.4	.8	33.5	.8	21.6	.8	8.3
5.	54.1	15.	44.1	25.	33.2	35.	21.3	45.	8.0
.2	54.0	.2	43.9	.2	32.9	.2	21.0	.2	7.8
.4	53.8	.4	43.7	.4	32.7	.4	20.8	.4	7.5
.6	53.6	.6	43.5	.6	32.5	.6	20.5	.6	7.2
.8	53.4	.8	43.3	.8	32.3	.8	20.3	.8	6.9
6.	53.2	16.	43.0	26.	32.0	36.	20.0	46.	6.6
.2	53.0	.2	42.8	.2	31.8	.2	19.7	.2	6.4
.4	52.8	.4	42.6	.4	31.6	.4	19.5	.4	6.1
.6	52.6	.6	42.4	.6	31.4	.6	19.2	.6	5.8
.8	52.4	.8	42.2	.8	31.2	.8	19.0	.8	5.6
7.	52.2	17.	42.0	27.	30.9	37.	18.7	47.	5.3
.2	52.0	.2	41.8	.2	30.7	.2	18.4	.2	5.0
.4	51.8	.4	41.6	.4	30.5	.4	18.2	.4	4.7
.6	51.6	.6	41.4	.6	30.3	.6	17.9	.6	4.4
.8	51.4	.8	41.2	.8	30.1	.8	17.7	.8	4.2
8.	51.1	18.	40.9	28.	29.8	38.	17.4	48.	3.9
.2	51.0	.2	40.7	.2	29.5	.2	17.1	.2	3.6
.4	50.8	.4	40.5	.4	29.3	.4	16.8	.4	3.3
.6	50.6	.6	40.3	.6	29.0	.6	16.5	.6	3.0
.8	50.4	.8	40.1	.8	28.8	.8	16.3	.8	2.7
9.	50.2	19.	39.9	29.	28.5	39.	16.0	49.	2.4
.2	50.0	.2	39.7	.2	28.2	.2	15.8	.2	2.0
.4	49.8	.4	39.5	.4	28.0	.4	15.5	.4	1.7
.6	49.6	.6	39.3	.6	27.8	.6	15.2	.6	1.4
.8	49.4	.8	39.1	.8	27.6	.8	15.0	.8	1.1
10.	49.2	20.	38.8	30.	27.3	40.	14.7	50.	.8

TEMPERATURE 93°

Wts & Divs. on Stem.	Per Cent. over Proof.	Wts & Divs. on Stem.	Per Cent. under Proof.	Wts & Divs. on Stem.	Per Cent. under Proof.	Wts & Divs. on Stem.	Per Cent. under Proof.	Wts & Divs. on Stem.	Per Cent. under Proof.
50.	8	60.	14.7	70.	33.1	80.	57.5	90.	70.9
.2	5	.2	15.0	.2	33.5	.2	57.8	.2	80.4
.4	3	.4	15.4	.4	33.9	.4	58.2	.4	80.9
.6		.6	15.8	.6	34.3	.6	58.6	.6	81.4
.8	.2	.8	16.2	.8	34.7	.8	58.9	.8	81.9
51.	.5	61.	16.6	71.	35.2	81.	59.2	91.	82.5
.2	.7	.2	16.9	.2	35.7	.2	59.5	.2	83.0
.4	1.0	.4	17.2	.4	36.1	.4	59.9	.4	83.5
.6	1.3	.6	17.5	.6	36.5	.6	60.3	.6	84.0
.8	1.6	.8	17.8	.8	36.9	.8	60.7	.8	84.5
52.	1.9	62.	18.2	72.	37.4	82.	61.0	92.	85.1
.2	2.2	.2	18.6	.2	37.9	.2	61.3	.2	85.7
.4	2.5	.4	18.9	.4	38.3	.4	61.7	.4	86.2
.6	2.8	.6	19.2	.6	38.7	.6	62.1	.6	86.7
.8	3.1	.8	19.5	.8	39.1	.8	62.5	.8	87.2
53.	3.4	63.	19.9	73.	39.6	83.	62.8	93.	87.8
.2	3.7	.2	20.2	.2	40.1	.2	63.2	.2	88.4
.4	4.0	.4	20.6	.4	40.6	.4	63.6	.4	88.9
.6	4.3	.6	21.0	.6	41.1	.6	64.0	.6	89.4
.8	4.6	.8	21.3	.8	41.6	.8	64.4	.8	89.9
54.	4.9	64.	21.7	74.	42.1	84.	64.9	94.	90.5
.2	5.2	.2	22.0	.2	42.6	.2	65.3	.2	91.0
.4	5.5	.4	22.4	.4	43.1	.4	65.8	.4	91.5
.6	5.8	.6	22.8	.6	43.6	.6	66.3	.6	92.0
.8	6.1	.8	23.1	.8	44.1	.8	66.8	.8	92.5
55.	6.4	65.	23.4	75.	44.6	85.	67.2	95.	93.0
.2	6.8	.2	23.8	.2	45.0	.2	67.7	.2	93.5
.4	7.1	.4	24.2	.4	45.5	.4	68.2	.4	94.0
.6	7.5	.6	24.6	.6	46.0	.6	68.7	.6	94.5
.8	7.8	.8	25.0	.8	46.5	.8	69.2	.8	95.0
56.	8.2	66.	25.3	76.	46.9	86.	69.6	96.	95.4
.2	8.5	.2	25.7	.2	47.4	.2	70.1	.2	95.8
.4	8.8	.4	26.1	.4	47.9	.4	70.6	.4	96.3
.6	9.1	.6	26.5	.6	48.4	.6	71.1	.6	96.8
.8	9.4	.8	26.9	.8	48.9	.8	71.6	.8	97.2
57.	9.7	67.	27.3	77.	49.4	87.	72.2	97.	97.6
.2	10.0	.2	27.6	.2	49.9	.2	72.7	.2	98.0
.4	10.3	.4	28.0	.4	50.5	.4	73.2	.4	98.5
.6	10.6	.6	28.4	.6	51.0	.6	73.7	.6	99.0
.8	10.9	.8	28.8	.8	51.5	.8	74.2	.8	99.5
58.	11.3	68.	29.2	78.	52.1	88.	74.6	98.	100.0
.2	11.7	.2	29.6	.2	52.6	.2	75.1	.2	—
.4	12.0	.4	30.0	.4	53.2	.4	75.7	.4	—
.6	12.3	.6	30.4	.6	53.8	.6	76.3	.6	—
.8	12.6	.8	30.8	.8	54.4	.8	76.9	.8	—
59.	13.0	69.	31.1	79.	54.9	89.	77.4	99.	—
.2	13.4	.2	31.5	.2	55.4	.2	77.9	.2	—
.4	13.7	.4	31.9	.4	55.9	.4	78.4	.4	—
.6	14.0	.6	32.3	.6	56.4	.6	78.9	.6	—
.8	14.3	.8	32.7	.8	56.9	.8	79.4	.8	—
60.	14.7	70.	33.1	80.	57.5	90.	79.9	100.	—

TEMPERATURE 94°

Wts & Divs on Stem.	Per Cent. over Proof.	Wts & Divs on Stem.	Per Cent. over Proof.	Wts & Divs on Stem.	Per Cent. over Proof.	Wts & Divs on Stem.	Per Cent. over Proof.	Wts & Divs on Stem.	Per Cent. over Proof.
0.	58.4	10	48.9	20.	38.5	30.	26.9	40	14.3
.2	58.2	.2	48.8	.2	38.2	.2	26.6	.2	14.0
.4	58.0	.4	48.6	.4	38.0	.4	26.4	.4	13.8
.6	57.8	.6	48.4	.6	37.8	.6	26.2	.6	13.5
.8	57.6	.8	48.2	.8	37.6	.8	26.0	.8	13.3
1.	57.4	11.	48.0	21	37.3	31.	25.7	41.	13.0
.2	57.2	.2	47.8	.2	37.1	.2	25.4	.2	12.7
.4	57.0	.4	47.6	.4	36.9	.4	25.2	.4	12.5
.6	56.8	.6	47.4	.6	36.7	.6	25.0	.6	12.2
.8	56.6	.8	47.2	.8	36.5	.8	24.8	.8	12.0
2	56.4	12.	47.0	22	36.3	32	24.5	42	11.7
.2	56.3	.2	46.8	.2	36.1	.2	24.2	.2	11.4
.4	56.1	.4	46.6	.4	35.9	.4	24.0	.4	11.2
.6	55.9	.6	46.4	.6	35.7	.6	23.8	.6	10.9
.8	55.7	.8	46.2	.8	35.5	.8	23.6	.8	10.7
3.	55.6	13	46.0	23.	35.2	33.	23.3	43	10.4
.2	55.5	.2	45.8	.2	35.0	.2	23.0	.2	10.1
.4	55.3	.4	45.6	.4	34.8	.4	22.8	.4	9.9
.6	55.1	.6	45.4	.6	34.6	.6	22.6	.6	9.6
.8	54.9	.8	45.2	.8	34.4	.8	22.4	.8	9.4
4	54.7	14	45.0	24.	34.1	34	22.1	44	9.1
.2	54.6	.2	44.7	.2	33.8	.2	21.8	.2	8.8
.4	54.4	.4	44.5	.4	33.6	.4	21.6	.4	8.5
.6	54.2	.6	44.3	.6	33.3	.6	21.4	.6	8.2
.8	54.0	.8	44.1	.8	33.1	.8	21.2	.8	7.9
5	53.8	15	43.8	25	32.8	35	20.9	45	7.6
.2	53.7	.2	43.6	.2	32.5	.2	20.6	.2	7.4
.4	53.5	.4	43.4	.4	32.3	.4	20.4	.4	7.1
.6	53.3	.6	43.2	.6	32.1	.6	20.1	.6	6.8
.8	53.1	.8	43.0	.8	31.9	.8	19.9	.8	6.5
6	52.9	16	42.7	26	31.6	36	19.6	46	6.2
.2	52.7	.2	42.5	.2	31.4	.2	19.3	.2	6.0
.4	52.5	.4	42.3	.4	31.2	.4	19.1	.4	5.7
.6	52.3	.6	42.1	.6	31.0	.6	18.8	.6	5.4
.8	52.1	.8	41.9	.8	30.8	.8	18.6	.8	5.2
7	51.9	17	41.7	27.	30.5	37.	18.3	47.	4.9
.2	51.7	.2	41.5	.2	30.3	.2	18.0	.2	4.6
.4	51.5	.4	41.3	.4	30.1	.4	17.8	.4	4.3
.6	51.3	.6	41.1	.6	29.9	.6	17.5	.6	4.0
.8	51.1	.8	40.9	.8	29.7	.8	17.3	.8	3.8
8	50.8	18.	40.6	28	29.4	38.	17.0	48.	3.5
.2	50.7	.2	40.4	.2	29.1	.2	16.7	.2	3.2
.4	50.5	.4	40.2	.4	28.9	.4	16.4	.4	2.9
.6	50.3	.6	40.0	.6	28.7	.6	16.1	.6	2.6
.8	50.1	.8	39.8	.8	28.5	.8	15.9	.8	2.3
9	49.9	19	39.6	29.	28.2	39.	15.6	49	2.0
.2	49.7	.2	39.4	.2	27.9	.2	15.4	.2	1.6
.4	49.5	.4	39.2	.4	27.7	.4	15.1	.4	1.3
.6	49.3	.6	39.0	.6	27.4	.6	14.8	.6	1.0
.8	49.1	.8	38.8	.8	27.2	.8	14.6	.8	.7
10.	48.9	20	38.5	30	26.9	40.	14.3	50	.4

TEMPERATURE 94°

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50	.4	60.	15.1	70	33.5	80.	58.1	90.	80.1
.2	.1	.2	15.4	.2	34.0	.2	58.4	.2	80.6
.4	.2	.4	15.8	.4	34.4	.4	58.8	.4	81.1
.6	.5	.6	16.2	.6	34.8	.6	59.2	.6	81.6
.8	.7	.8	16.6	.8	35.2	.8	59.5	.8	82.1
51.	.9	61.	16.9	71	35.7	81.	59.8	91.	82.7
.2	1.1	.2	17.3	.2	36.2	.2	60.1	.2	83.2
.4	1.4	.4	17.6	.4	36.6	.4	60.5	.4	83.7
.6	1.7	.6	17.9	.6	37.0	.6	60.8	.6	84.2
.8	2.0	.8	18.2	.8	37.4	.8	61.1	.8	84.7
52	2.3	62	18.6	72	37.9	82	61.5	92.	85.3
.2	2.6	.2	19.0	.2	38.4	.2	61.8	.2	85.9
.4	2.9	.4	19.3	.4	38.8	.4	62.2	.4	86.4
.6	3.2	.6	19.6	.6	39.2	.6	62.6	.6	86.9
.8	3.5	.8	19.9	.8	39.6	.8	63.0	.8	87.4
53.	3.8	63	20.3	73	40.1	83.	63.3	93	88.0
.2	4.1	.2	20.6	.2	40.6	.2	63.7	.2	88.6
.4	4.4	.4	21.0	.4	41.1	.4	64.1	.4	89.1
.6	4.7	.6	21.4	.6	41.6	.6	64.5	.6	89.6
.8	5.0	.8	21.8	.8	42.1	.8	64.9	.8	90.1
54	5.3	64.	22.1	74	42.6	84.	65.3	94.	90.7
.2	5.6	.2	22.4	.2	43.1	.2	65.7	.2	91.2
.4	5.9	.4	22.8	.4	43.6	.4	66.2	.4	91.7
.6	6.2	.6	23.2	.6	44.1	.6	66.7	.6	92.2
.8	6.5	.8	23.6	.8	44.6	.8	67.2	.8	92.7
55	6.8	65	23.9	75	45.1	85	67.6	95.	93.2
.2	7.2	.2	24.3	.2	45.5	.2	68.0	.2	93.7
.4	7.5	.4	24.7	.4	46.0	.4	68.5	.4	94.2
.6	7.9	.6	25.1	.6	46.5	.6	69.0	.6	94.7
.8	8.2	.8	25.5	.8	46.9	.8	69.5	.8	95.2
56.	8.6	66	25.8	76	47.4	86	70.0	96.	95.6
.2	8.9	.2	26.1	.2	47.9	.2	70.5	.2	96.0
.4	9.2	.4	26.5	.4	48.4	.4	71.0	.4	96.5
.6	9.5	.6	26.9	.6	48.9	.6	71.5	.6	97.0
.8	9.8	.8	27.3	.8	49.4	.8	72.0	.8	97.4
57.	10.1	67	27.7	77	49.9	87	72.5	97.	97.8
.2	10.4	.2	28.0	.2	50.3	.2	73.0	.2	98.2
.4	10.7	.4	28.4	.4	51.0	.4	73.5	.4	98.7
.6	11.0	.6	28.8	.6	51.6	.6	74.0	.6	99.2
.8	11.3	.8	29.2	.8	52.1	.8	74.5	.8	99.7
58	11.7	68.	29.6	78.	52.7	88	74.9	98.	—
.2	12.1	.2	30.0	.2	53.2	.2	75.5	.2	—
.4	12.4	.4	30.4	.4	53.8	.4	76.1	.4	—
.6	12.7	.6	30.8	.6	54.4	.6	76.6	.6	—
.8	13.0	.8	31.2	.8	55.0	.8	77.1	.8	—
59	13.4	69.	31.5	79	55.5	89	77.6	99.	—
.2	13.8	.2	31.9	.2	56.0	.2	78.1	.2	—
.4	14.1	.4	32.3	.4	56.5	.4	78.6	.4	—
.6	14.4	.6	32.7	.6	57.0	.6	79.1	.6	—
.8	14.7	.8	33.1	.8	57.5	.8	79.6	.8	—
60.	15.1	70.	33.5	80.	58.1	90.	80.1	100.	—

TEMPERATURE 95°

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	58.1	10.	48.6	20.	38.2	30.	26.6	40.	13.9
.2	57.9	.2	48.5	.2	37.9	.2	26.3	.2	13.6
.4	57.7	.4	48.3	.4	37.7	.4	26.1	.4	13.4
.6	57.5	.6	48.1	.6	37.5	.6	25.9	.6	13.1
.8	57.3	.8	47.9	.8	37.3	.8	25.7	.8	12.9
1.	57.1	11.	47.7	21.	37.0	31.	25.4	41.	12.6
.2	56.9	.2	47.5	.2	36.8	.2	25.1	.2	12.3
.4	56.7	.4	47.3	.4	36.6	.4	24.9	.4	12.1
.6	56.5	.6	47.1	.6	36.4	.6	24.7	.6	11.8
.8	56.3	.8	46.9	.8	36.2	.8	24.5	.8	11.6
2.	56.1	12.	46.7	22.	36.0	32.	24.2	42.	11.3
.2	56.0	.2	46.5	.2	35.8	.2	23.9	.2	11.0
.4	55.8	.4	46.3	.4	35.6	.4	23.7	.4	10.8
.6	55.6	.6	46.1	.6	35.4	.6	23.5	.6	10.5
.8	55.4	.8	45.9	.8	35.2	.8	23.3	.8	10.3
3.	55.3	13.	45.7	23.	34.9	33.	23.1	43.	10.0
.2	55.2	.2	45.5	.2	34.7	.2	22.7	.2	9.7
.4	55.0	.4	45.3	.4	34.5	.4	22.5	.4	9.5
.6	54.8	.6	45.1	.6	34.3	.6	22.3	.6	9.2
.8	54.6	.8	44.9	.8	34.1	.8	22.1	.8	9.0
4.	54.4	14.	44.7	24.	33.8	34.	21.8	44.	8.7
.2	54.3	.2	44.4	.2	33.5	.2	21.5	.2	8.4
.4	54.1	.4	44.2	.4	33.3	.4	21.3	.4	8.1
.6	53.9	.6	44.0	.6	33.0	.6	21.1	.6	7.8
.8	53.7	.8	43.8	.8	32.8	.8	20.9	.8	7.5
5.	53.5	15.	43.5	25.	32.5	35.	20.6	45.	7.2
.2	53.4	.2	43.3	.2	32.2	.2	20.3	.2	7.0
.4	53.2	.4	43.1	.4	32.0	.4	20.1	.4	6.7
.6	53.0	.6	42.9	.6	31.8	.6	19.8	.6	6.4
.8	52.8	.8	42.7	.8	31.6	.8	19.6	.8	6.1
6.	52.6	16.	42.4	26.	31.3	36.	19.3	46.	5.8
.2	52.4	.2	42.2	.2	31.1	.2	19.0	.2	5.6
.4	52.2	.4	42.0	.4	30.9	.4	18.8	.4	5.3
.6	52.0	.6	41.8	.6	30.7	.6	18.5	.6	5.0
.8	51.8	.8	41.6	.8	30.5	.8	18.3	.8	4.8
7.	51.6	17.	41.4	27.	30.2	37.	18.0	47.	4.5
.2	51.4	.2	41.2	.2	30.0	.2	17.7	.2	4.2
.4	51.2	.4	41.0	.4	29.8	.4	17.5	.4	3.9
.6	51.0	.6	40.8	.6	29.6	.6	17.2	.6	3.6
.8	50.8	.8	40.6	.8	29.4	.8	17.0	.8	3.4
8.	50.5	18.	40.3	28.	29.1	38.	16.7	48.	3.1
.2	50.4	.2	40.1	.2	28.8	.2	16.4	.2	2.8
.4	50.2	.4	39.9	.4	28.5	.4	16.1	.4	2.5
.6	50.0	.6	39.7	.6	28.3	.6	15.8	.6	2.2
.8	49.8	.8	39.5	.8	28.1	.8	15.5	.8	1.9
9.	49.6	19.	39.3	29.	27.8	39.	15.2	49.	1.6
.2	49.4	.2	39.1	.2	27.5	.2	15.0	.2	1.2
.4	49.2	.4	38.9	.4	27.3	.4	14.7	.4	.9
.6	49.0	.6	38.7	.6	27.1	.6	14.4	.6	.6
.8	48.8	.8	38.5	.8	26.9	.8	14.2	.8	.3
10.	48.6	20.	38.2	30.	26.6	40.	13.9	50.	—

TEMPERATURE 95°.

Wts & Divs. on Stem.	Per Cent. under Proof.	Wts & Divs. on Stem.	Per Cent. under Proof.	Wts & Divs. on Stem.	Per Cent. under Proof.	Wts & Divs. on Stem.	Per Cent. under Proof.	Wts & Divs. on Stem.	Per Cent. under Proof.	Wts & Divs. on Stem.	Per Cent. under Proof.
50		00	15.5	70	34.0	80	58.7	90	80.3		
2	.3	2	15.8	2	34.5	2	59.0	2	80.8		
4	.5	4	16.2	4	34.9	4	59.4	4	81.3		
.6	.7	6	16.6	.6	35.3	.6	59.7	.6	81.8		
.8	1.1	8	17.0	8	35.7	8	60.0	8	82.3		
51.	1.3	61	17.4	71.	36.2	81.	60.3	91.	82.9		
2	1.5	2	17.7	2	36.7	2	60.7	2	83.4		
4	1.8	4	18.0	4	37.1	4	61.0	4	83.9		
.6	2.1	6	18.3	.6	37.5	.6	61.3	.6	84.4		
.8	2.4	8	18.6	8	37.9	8	61.7	8	84.9		
52	2.7	62.	19.0	72	38.4	82.	62.0	92.	85.5		
2	3.0	2	19.3	2	38.8	2	62.4	2	86.1		
4	3.3	4	19.7	4	39.3	4	62.7	4	86.6		
6	3.6	6	20.1	6	39.7	6	63.0	6	87.1		
8	3.9	8	20.5	8	40.1	8	63.3	8	87.6		
53	4.2	63.	20.8	73	40.6	83.	63.7	93	88.2		
2	4.5	2	21.2	2	41.1	2	64.1	2	88.8		
4	4.8	4	21.5	4	41.6	4	64.5	4	89.3		
6	5.1	6	21.8	6	42.1	6	64.9	6	89.8		
8	5.4	8	22.1	8	42.6	8	65.3	8	90.3		
54	5.7	64	22.5	74	43.2	84	65.7	94.	90.9		
2	6.0	2	22.8	2	43.7	2	66.1	2	91.4		
4	6.3	4	23.2	4	44.2	4	66.6	4	91.9		
6	6.6	6	23.6	6	44.7	6	67.1	6	92.4		
8	6.9	8	24.0	8	45.2	8	67.6	8	92.9		
55.	7.2	65	24.3	75	45.6	85.	68.0	95	93.4		
2	7.6	2	24.7	2	46.0	2	68.4	2	93.9		
4	7.9	4	25.1	4	46.5	4	68.9	4	94.4		
6	8.3	6	25.5	6	47.0	6	69.4	6	94.9		
8	8.6	8	25.9	8	47.5	8	69.9	8	95.4		
56.	9.0	66	26.2	76	48.0	86.	70.3	96.	95.8		
2	9.3	2	26.6	2	48.5	2	70.8	2	96.3		
4	9.6	4	27.0	4	49.0	4	71.3	4	96.7		
6	9.9	6	27.4	6	49.5	6	71.8	6	97.1		
8	10.2	8	27.8	8	50.0	8	72.3	8	97.5		
57.	10.5	67	28.2	77	50.5	87.	72.8	97.	97.9		
2	10.8	2	28.5	2	51.1	2	73.3	2	98.3		
4	11.1	4	28.9	4	51.6	4	73.8	4	98.8		
6	11.4	6	29.3	6	52.1	6	74.3	6	99.3		
.8	11.7	8	29.7	8	52.6	8	74.8	8	99.8		
58	12.1	68.	30.1	78	53.2	88.	75.2	98.	—		
2	12.5	2	30.5	2	53.7	2	75.8	2	—		
4	12.8	4	30.9	4	54.3	4	76.3	4	—		
6	13.1	6	31.3	6	54.9	6	76.8	6	—		
8	13.4	8	31.7	8	55.5	8	77.3	8	—		
59.	13.8	69.	32.0	79	56.1	89.	77.9	99.	—		
2	14.2	2	32.4	2	56.6	2	78.4	2	—		
4	14.5	4	32.8	4	57.1	4	78.9	4	—		
.6	14.8	6	33.2	6	57.6	6	79.4	6	—		
.8	15.1	8	33.6	8	58.1	8	79.9	8	—		
60	15.5	70	34.0	80.	58.7	90.	80.3	100	—		

TEMPERATURE 96°

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0	57.8	10	48.9	20	37.9	30.	26.2	40.	13.6
.2	57.6	.2	48.2	.2	37.6	.2	25.9	.2	13.3
.4	57.4	.4	48.0	.4	37.4	.4	25.7	.4	13.1
.6	57.2	.6	47.8	.6	37.1	.6	25.5	.6	12.8
.8	57.0	.8	47.6	.8	36.9	.8	25.3	.8	12.6
1	56.8	11	47.4	21	36.6	31	25.0	41	12.3
.2	56.6	.2	47.2	.2	36.4	.2	24.7	.2	12.0
.4	56.4	.4	47.0	.4	36.2	.4	24.5	.4	11.8
.6	56.2	.6	46.8	.6	36.0	.6	24.3	.6	11.5
.8	56.0	.8	46.6	.8	35.8	.8	24.1	.8	11.3
2.	55.8	12	46.4	22	35.6	32	23.8	42	11.0
.2	55.7	.2	46.2	.2	35.4	.2	23.5	.2	10.7
.4	55.5	.4	46.0	.4	35.2	.4	23.3	.4	10.5
.6	55.3	.6	45.8	.6	35.0	.6	23.1	.6	10.2
.8	55.1	.8	45.6	.8	34.8	.8	22.9	.8	10.0
3	55.0	13	45.4	23	34.5	33	22.7	43.	9.7
.2	54.9	.2	45.2	.2	34.3	.2	22.5	.2	9.4
.4	54.7	.4	45.0	.4	34.1	.4	22.1	.4	9.1
.6	54.5	.6	44.8	.6	33.9	.6	21.9	.6	8.8
.8	54.3	.8	44.6	.8	33.7	.8	21.7	.8	8.6
4.	54.1	14	44.4	24.	33.4	34	21.4	44	8.3
.2	54.0	.2	44.1	.2	33.1	.2	21.1	.2	8.0
.4	53.8	.4	43.9	.4	32.9	.4	20.9	.4	7.7
.6	53.6	.6	43.7	.6	32.7	.6	20.7	.6	7.4
.8	53.4	.8	43.5	.8	32.5	.8	20.5	.8	7.1
5	53.2	15	43.2	25.	32.2	35	20.2	45	6.8
.2	53.1	.2	43.0	.2	31.9	.2	19.9	.2	6.6
.4	52.9	.4	42.8	.4	31.7	.4	19.7	.4	6.3
.6	52.7	.6	42.6	.6	31.5	.6	19.4	.6	6.0
.8	52.5	.8	42.4	.8	31.3	.8	19.2	.8	5.7
6	52.3	16	42.1	26	31.0	36	18.9	46	5.4
.2	52.1	.2	41.9	.2	30.8	.2	18.6	.2	5.2
.4	51.9	.4	41.7	.4	30.6	.4	18.4	.4	4.9
.6	51.7	.6	41.5	.6	30.4	.6	18.1	.6	4.6
.8	51.5	.8	41.3	.8	30.2	.8	17.9	.8	4.4
7.	51.3	17	41.1	27	29.9	37.	17.6	47	4.1
.2	51.1	.2	40.9	.2	29.7	.2	17.3	.2	3.8
.4	50.9	.4	40.7	.4	29.5	.4	17.1	.4	3.5
.6	50.7	.6	40.5	.6	29.3	.6	16.8	.6	3.2
.8	50.5	.8	40.3	.8	29.1	.8	16.6	.8	3.0
8	50.2	18	40.0	28	28.8	38.	16.3	48	2.7
.2	50.1	.2	39.8	.2	28.6	.2	16.1	.2	2.4
.4	49.9	.4	39.6	.4	28.3	.4	15.8	.4	2.1
.6	49.7	.6	39.4	.6	28.0	.6	15.5	.6	1.8
.8	49.5	.8	39.2	.8	27.7	.8	15.2	.8	1.5
9	49.3	19	39.0	20.	27.4	39	14.9	49.	1.2
.2	49.1	.2	38.8	.2	27.1	.2	14.7	.2	.8
.4	48.9	.4	38.6	.4	26.9	.4	14.4	.4	.5
.6	48.7	.6	38.4	.6	26.7	.6	14.1	.6	.2
.8	48.5	.8	38.2	.8	26.5	.8	13.9	.8	.1
10.	48.3	20	37.9	30.	26.2	40.	13.6	50.	.4

TEMPERATURE 96°

Wts. & Divs. on Stem	Per Cent. under Proof	Wts. & Divs. on Stem	Per Cent. under Proof	Wts. & Divs. on Stem	Per Cent. under Proof	Wts. & Divs. on Stem	Per Cent. under Proof	Wts. & Divs. on Stem	Per Cent. under Proof	Wts. & Divs. on Stem	Per Cent. under Proof	Wts. & Divs. on Stem	Per Cent. under Proof	Wts. & Divs. on Stem	Per Cent. under Proof
50.	4	60	15.9	70.	34.5	80	59.9	90	80.5						
2	5	2	16.2	2	35.0	2	59.6	2	81.0						
4	9	4	16.6	4	35.4	4	59.9	4	81.5						
6	12	6	17.0	6	35.8	6	60.2	6	82.0						
8	15	8	17.4	8	36.2	8	60.5	8	82.5						
51	17	61	17.8	71	36.7	81	60.8	91	83.1						
2	19	2	18.1	2	37.2	2	61.2	2	83.6						
4	22	4	18.4	4	37.6	4	61.5	4	84.1						
6	25	6	18.7	6	38.0	6	61.8	6	84.6						
8	28	8	19.0	8	38.4	8	62.2	8	85.1						
52	31	62	19.4	72	38.9	82	62.5	92	85.7						
2	34	2	19.7	2	39.4	2	62.9	2	86.3						
4	37	4	20.1	4	39.8	4	63.2	4	86.8						
6	40	6	20.5	6	40.2	6	63.5	6	87.3						
8	43	8	20.9	8	40.6	8	63.8	8	87.8						
53	46	63	21.2	73	41.1	83	64.2	93	88.4						
2	49	2	21.6	2	41.6	2	64.6	2	89.0						
4	52	4	21.9	4	42.1	4	65.0	4	89.5						
6	55	6	22	6	42.6	6	65.4	6	90.0						
8	58	8	22.5	8	43.1	8	65.8	8	90.5						
54	61	64	22.9	74	43.7	84	66.1	94	91.1						
2	64	2	23.2	2	44.2	2	66.5	2	91.6						
4	67	4	23.6	4	44.7	4	67.0	4	92.1						
6	70	6	24.0	6	45.2	6	67.5	6	92.6						
8	73	8	24.4	8	45.7	8	68.0	8	93.1						
55	76	65	24.7	75	46.1	85	68.4	95	93.6						
2	79	2	25.1	2	46.5	2	68.9	2	94.0						
4	81	4	25.5	4	47.0	4	69.3	4	94.5						
6	87	6	25.9	6	47.5	6	69.7	6	95.0						
8	90	8	26.3	8	48.0	8	70.2	8	95.5						
56	94	66	26.6	76	48.5	86	70.6	96	95.9						
2	97	2	27.0	2	49.0	2	71.1	2	96.4						
4	100	4	27.4	4	49.5	4	71.6	4	96.8						
6	103	6	27.8	6	50.0	6	72.1	6	97.2						
8	106	8	28.2	8	50.5	8	72.6	8	97.6						
57	109	67	28.6	77	51.0	87	73.1	97	98.1						
2	112	2	28.9	2	51.5	2	73.6	2	98.5						
4	115	4	29.3	4	52.1	4	74.1	4	99.0						
6	118	6	29.7	6	52.7	6	74.6	6	99.5						
8	121	8	30.1	8	53.1	8	75.1	8	100.0						
58	125	68	30.5	78	53.8	88	75.5	98	—						
2	129	2	30.9	2	54.3	2	76.0	2	—						
4	132	4	31.3	4	54.9	4	76.5	4	—						
6	135	6	31.7	6	55.5	6	77.0	6	—						
8	138	8	32.1	8	56.1	8	77.5	8	—						
59	142	69	32.4	79	56.7	89	78.1	99	—						
2	146	2	32.8	2	57.2	2	78.6	2	—						
4	149	4	33.2	4	57.7	4	79.1	4	—						
6	152	6	33.6	6	58.2	6	79.6	6	—						
8	155	8	34.0	8	58.7	8	80.1	8	—						
60	159	70.	34.5	80.	59.3	90	80.5	100.	—						

TEMPERATURE 97°.

Wts. & Dvs. on Stem.	Per Cent. over Proof.	Wts. & Dvs. on Stem.	Per Cent. over Proof.	Wts. & Dvs. on Stem.	Per Cent. over Proof.	Wts. & Dvs. on Stem.	Per Cent. over Proof.	Wts. & Dvs. on Stem.	Per Cent. over Proof.	Wts. & Dvs. on Stem.	Per Cent. over Proof.	Wts. & Dvs. on Stem.	Per Cent. over Proof.
0.	57.5	10.	48.0	20.	37.6	30.	25.9	40.	13.2				
.2	57.3	.2	17.0	.2	37.3	.2	25.6	.2	12.9				
.4	57.1	.4	17.7	.4	37.0	.4	25.4	.4	12.7				
.6	56.9	.6	17.5	.6	36.8	.6	25.2	.6	12.4				
.8	56.7	.8	17.3	.8	36.6	.8	25.0	.8	12.2				
1.	56.5	11.	47.1	21.	36.3	31.	24.7	41.	11.9				
.2	56.3	.2	46.9	.2	36.1	.2	24.4	.2	11.6				
.4	56.1	.4	46.7	.4	35.9	.4	24.2	.4	11.4				
.6	55.9	.6	46.5	.6	35.7	.6	24.0	.6	11.1				
.8	55.7	.8	46.3	.8	35.5	.8	23.8	.8	10.9				
2.	55.5	12.	46.1	22.	35.3	32.	23.5	42.	10.6				
.2	55.4	.2	45.9	.2	35.1	.2	23.2	.2	10.3				
.4	55.2	.4	45.7	.4	34.9	.4	23.0	.4	10.1				
.6	55.0	.6	45.5	.6	34.7	.6	22.8	.6	9.8				
.8	54.8	.8	45.3	.8	34.5	.8	22.6	.8	9.6				
3.	54.7	13.	45.1	23.	34.2	33.	22.3	43.	9.3				
.2	54.6	.2	44.9	.2	34.0	.2	22.0	.2	9.0				
.4	54.4	.4	44.7	.4	33.8	.4	21.8	.4	8.7				
.6	54.2	.6	44.5	.6	33.6	.6	21.6	.6	8.4				
.8	54.0	.8	44.3	.8	33.4	.8	21.4	.8	8.2				
4.	53.9	14.	44.1	24.	33.1	34.	21.1	44.	7.9				
.2	53.7	.2	43.8	.2	32.8	.2	20.8	.2	7.6				
.4	53.5	.4	43.6	.4	32.6	.4	20.6	.4	7.3				
.6	53.3	.6	43.4	.6	32.3	.6	20.4	.6	7.0				
.8	53.1	.8	43.2	.8	32.1	.8	20.2	.8	6.7				
5.	52.9	15.	42.9	25.	31.8	35.	19.9	45.	6.4				
.2	52.8	.2	42.7	.2	31.5	.2	19.6	.2	6.2				
.4	52.6	.4	42.5	.4	31.3	.4	19.4	.4	5.9				
.6	52.4	.6	42.3	.6	31.1	.6	19.1	.6	5.6				
.8	52.2	.8	42.1	.8	30.9	.8	18.9	.8	5.3				
6.	52.0	16.	41.8	26.	30.6	36.	18.6	46.	5.0				
.2	51.8	.2	41.6	.2	30.4	.2	18.3	.2	4.8				
.4	51.6	.4	41.4	.4	30.2	.4	18.1	.4	4.5				
.6	51.4	.6	41.2	.6	30.0	.6	17.8	.6	4.2				
.8	51.2	.8	41.0	.8	29.8	.8	17.6	.8	4.0				
7.	51.0	17.	40.8	27.	29.5	37.	17.3	47.	3.7				
.2	50.8	.2	40.6	.2	29.3	.2	17.0	.2	3.4				
.4	50.6	.4	40.4	.4	29.1	.4	16.8	.4	3.1				
.6	50.4	.6	40.2	.6	28.9	.6	16.5	.6	2.8				
.8	50.2	.8	40.0	.8	28.7	.8	16.3	.8	2.6				
8.	49.9	18.	39.7	28.	28.4	38.	16.0	48.	2.3				
.2	49.8	.2	39.5	.2	28.1	.2	15.7	.2	2.0				
.4	49.6	.4	39.3	.4	27.9	.4	15.4	.4	1.7				
.6	49.4	.6	39.1	.6	27.6	.6	15.1	.6	1.4				
.8	49.2	.8	38.9	.8	27.4	.8	14.8	.8	1.1				
9.	49.0	19.	38.7	29.	27.1	39.	14.5	49.	.8				
.2	48.8	.2	38.5	.2	26.8	.2	14.3	.2	.4				
.4	48.6	.4	38.3	.4	26.6	.4	14.0	.4	.1				
.6	48.4	.6	38.1	.6	26.4	.6	13.7	.6	.2				
.8	48.2	.8	37.9	.8	26.2	.8	13.5	.8	.5				
10.	48.0	20.	37.6	30.	25.9	40.	13.2	50.	.8				

TEMPERATURE 97'

Wts & Dvs. on Stem.	Per Cent under Proof.	Wts & Dvs. on Stem.	Per Cent under Proof.	Wts & Dvs. on Stem.	Per Cent under Proof.	Wts & Dvs. on Stem.	Per Cent under Proof.	Wts & Dvs. on Stem.	Per Cent under Proof.
50.	8	60	16.1	70	35.0	80	59.9	90	80.7
2	1.1	2	16.6	2	35.5	2	60.2	2	81.2
4	1.3	4	17.0	4	35.9	4	60.5	4	81.7
6	1.6	6	17.4	6	36.3	6	60.8	6	82.2
8	1.9	8	17.8	8	36.7	8	61.1	8	82.7
51	2.1	61	18.2	71	37.2	81	61.4	91	83.3
2	2.3	2	18.5	2	37.7	2	61.7	2	83.8
4	2.6	4	18.9	4	38.1	4	62.0	4	84.3
6	2.9	6	19.2	6	38.5	6	62.3	6	84.8
8	3.2	8	19.5	8	38.9	8	62.7	8	85.3
52	3.5	62	19.9	72	39.4	82	63.0	92	85.9
2	3.8	2	20.2	2	39.9	2	63.3	2	86.5
4	4.1	4	20.5	4	40.3	4	63.6	4	87.0
6	4.4	6	20.9	6	40.7	6	63.9	6	87.5
8	4.7	8	21.3	8	41.1	8	64.2	8	88.0
53	5.0	63	21.6	73	41.6	83	64.6	93	88.6
2	5.3	2	21.9	2	42.1	2	65.0	2	89.2
4	5.6	4	22.3	4	42.6	4	65.4	4	89.7
6	5.9	6	22.7	6	43.1	6	65.8	6	90.2
8	6.2	8	23.1	8	43.6	8	66.2	8	90.7
54	6.5	64	23.4	74	44.2	84	66.5	94	91.3
2	6.8	2	23.7	2	44.7	2	66.9	2	91.8
4	7.1	4	24.1	4	45.2	4	67.4	4	92.3
6	7.4	6	24.5	6	45.7	6	67.9	6	92.8
8	7.7	8	24.9	8	46.2	8	68.4	8	93.3
55	8.0	65	25.2	75	46.7	85	68.8	95	93.8
2	8.4	2	25.5	2	47.1	2	69.3	2	94.2
4	8.7	4	25.9	4	47.6	4	69.8	4	94.7
6	9.1	6	26.3	6	48.1	6	70.2	6	95.2
8	9.4	8	26.7	8	48.6	8	70.6	8	95.6
56	9.8	66	27.0	76	49.1	86	71.0	96	96.0
2	10.1	2	27.4	2	49.6	2	71.5	2	96.5
4	10.4	4	27.8	4	50.1	4	72.0	4	96.9
6	10.7	6	28.2	6	50.6	6	72.5	6	97.3
8	11.0	8	28.6	8	51.1	8	73.0	8	97.7
57	11.3	67	29.0	77	51.6	87	73.4	97	98.2
2	11.6	2	29.4	2	52.1	2	73.9	2	98.6
4	11.9	4	29.8	4	52.7	4	74.4	4	99.1
6	12.2	6	30.2	6	53.3	6	74.9	6	99.6
8	12.5	8	30.6	8	53.9	8	75.4	8	—
58	12.9	68	31.0	78	54.4	88	75.8	98	—
2	13.3	2	31.4	2	54.9	2	76.3	2	—
4	13.6	4	31.8	4	55.5	4	76.8	4	—
6	13.9	6	32.2	6	56.1	6	77.3	6	—
8	14.2	8	32.6	8	56.7	8	77.8	8	—
59	14.6	69	32.9	79	57.3	89	78.4	99	—
2	15.0	2	33.3	2	57.8	2	78.9	2	—
4	15.3	4	33.7	4	58.3	4	79.4	4	—
6	15.6	6	34.1	6	58.8	6	79.9	6	—
8	15.9	8	34.5	8	59.3	8	80.3	8	—
60.	16.3	70	35.0	80.	59.9	90.	80.7	100.	—

TEMPERATURE 98°

Wts & Dvs on Stem	Per Cent. over Proof	Wts & Dvs on Stem	Per Cent. over Proof	Wts & Dvs on Stem	Per Cent. over Proof	Wts & Dvs on Stem	Per Cent. over Proof	Wts & Dvs on Stem	Per Cent. over Proof
0	57.2	10	47.7	20	37.3	30	25.5	40	12.8
2	57.0	2	47.6	2	37.0	2	25.2	2	12.5
4	56.8	4	47.1	4	36.8	4	25.0	4	12.3
6	56.6	6	47.2	6	36.5	6	24.8	6	12.0
8	56.4	8	47.0	8	36.3	8	24.6	8	11.8
1	56.2	11	46.8	21	36.0	31	24.3	41	11.5
2	56.0	2	46.6	2	35.8	2	24.0	2	11.2
4	55.8	4	46.4	4	35.6	4	23.8	4	11.0
6	55.6	6	46.2	6	35.4	6	23.6	6	10.7
8	55.4	8	46.0	8	35.2	8	23.4	8	10.5
12	55.2	12	45.8	22	35.0	32	23.1	42	10.2
2	55.1	2	45.6	2	34.8	2	22.8	2	9.9
4	54.9	4	45.4	4	34.6	4	22.6	4	9.7
6	54.7	6	45.2	6	34.4	6	22.4	6	9.4
8	54.5	8	45.0	8	34.2	8	22.2	8	9.2
3	54.4	13	44.8	23	33.9	33	21.9	43	8.9
2	54.3	2	44.6	2	33.7	2	21.6	2	8.6
4	54.1	4	44.4	4	33.5	4	21.4	4	8.3
6	53.9	6	44.2	6	33.3	6	21.2	6	8.0
8	53.7	8	44.0	8	33.1	8	21.0	8	7.8
4	53.5	14	43.8	24	32.8	34	20.7	44	7.5
2	53.4	2	43.5	2	32.5	2	20.4	2	7.2
1	53.2	4	43.3	4	32.3	4	20.2	4	6.9
6	53.0	6	43.1	6	32.0	6	20.0	6	6.6
8	52.8	8	42.9	8	31.8	8	19.8	8	6.3
5	52.6	15	42.6	25	31.5	35	19.5	45	6.0
2	52.5	2	42.4	2	31.2	2	19.2	2	5.8
4	52.3	4	42.2	4	31.0	4	19.0	4	5.5
6	52.1	6	42.0	6	30.8	6	18.7	6	5.2
8	51.9	8	41.8	8	30.6	8	18.5	8	4.9
C	51.7	16	41.5	26	30.3	36	18.2	46	4.6
2	51.5	2	41.3	2	30.1	2	17.9	2	4.4
4	51.3	4	41.1	4	29.9	4	17.7	4	4.1
6	51.1	6	40.9	6	29.7	6	17.4	6	3.8
8	50.9	8	40.7	8	29.5	8	17.2	8	3.6
7	50.7	17	40.5	27	29.2	37	16.9	47	3.3
2	50.5	2	40.3	2	29.0	2	16.6	2	3.0
4	50.3	4	40.1	4	28.8	4	16.4	4	2.7
6	50.1	6	39.9	6	28.6	6	16.1	6	2.4
8	49.9	8	39.7	8	28.4	8	15.9	8	2.2
8	49.6	18	39.4	28	28.1	38	15.6	48	1.9
2	49.5	2	39.2	2	27.9	2	15.3	2	1.6
4	49.3	4	39.0	4	27.6	4	15.0	4	1.3
6	49.1	6	38.8	6	27.3	6	14.7	6	1.0
8	48.9	8	38.6	8	27.0	8	14.4	8	.7
9	48.7	19	38.4	29	26.7	39	14.1	49	.4
2	48.5	2	38.2	2	26.4	2	13.9	2	
4	48.3	4	38.0	4	26.2	4	13.6	4	.3
6	48.1	6	37.8	6	26.0	6	13.3	6	.6
8	47.9	8	37.6	8	25.8	8	13.1	8	.9
10	47.7	20	37.3	30	25.5	40	12.8	50	1.2

TEMPERATURE 98°

Wts & Dvs. on Stem.	Per Cent. under Proof.	Wts & Dvs. on Stem.	Per Cent. under Proof.	Wts & Dvs. on Stem.	Per Cent. under Proof.	Wts & Dvs. on Stem.	Per Cent. under Proof.	Wts & Dvs. on Stem.	Per Cent. under Proof.
50	1.2	60	16.7	70	35.5	80	60.5	90	70.9
2	1.5	2	17.0	2	36.0	2	60.8	2	81.4
4	1.7	4	17.4	4	36.4	4	61.1	4	81.9
6	2.0	6	17.8	6	36.8	6	61.4	6	82.4
8	2.2	8	18.2	8	37.2	8	61.7	8	82.9
51	2.2	61	18.6	71	37.7	81	62.0	91	83.5
2	2.7	2	19.0	2	38.2	2	62.3	2	84.0
4	3.0	4	19.3	4	38.6	4	62.6	4	84.5
6	3.3	6	19.6	6	39.0	6	62.9	6	85.0
8	3.6	8	19.9	8	39.4	8	63.2	8	85.5
52	3.9	62	20.3	72	39.9	82	63.5	92	86.1
2	4.2	2	20.6	2	40.4	2	63.8	2	86.7
4	4.5	4	20.9	4	40.8	4	64.1	4	87.2
6	4.8	6	21.3	6	41.2	6	64.4	6	87.7
8	5.1	8	21.7	8	41.6	8	64.7	8	88.2
53	5.4	63	22.0	73	42.1	83	65.1	93	88.8
2	5.7	2	22.3	2	42.6	2	65.4	2	89.4
4	6.0	4	22.7	4	43.1	4	65.8	4	89.9
6	6.3	6	23.1	6	43.6	6	66.2	6	90.4
8	6.6	8	23.5	8	44.1	8	66.6	8	90.9
54	6.9	64	23.8	74	44.7	84	67.0	94	91.5
2	7.2	2	24.1	2	45.2	2	67.3	2	92.0
4	7.5	4	24.5	4	45.7	4	67.8	4	92.5
6	7.8	6	24.9	6	46.2	6	68.1	6	93.0
8	8.1	8	25.3	8	46.7	8	68.4	8	93.5
55	8.4	65	25.6	75	47.2	85	68.8	95	94.0
2	8.7	2	26.0	2	47.6	2	69.2	2	94.4
4	9.1	4	26.3	4	48.1	4	69.5	4	94.9
6	9.5	6	26.7	6	48.6	6	69.9	6	95.4
8	9.8	8	27.1	8	49.0	8	70.3	8	95.8
56	10.2	66	27.5	76	49.5	86	70.7	96	96.2
2	10.5	2	27.9	2	49.9	2	71.1	2	96.7
4	10.8	4	28.3	4	50.4	4	71.5	4	97.1
6	11.1	6	28.7	6	50.8	6	71.9	6	97.5
8	11.4	8	29.1	8	51.3	8	72.3	8	97.9
57	11.7	67	29.5	77	51.7	87	72.7	97	98.3
2	12.0	2	29.8	2	52.1	2	73.1	2	98.7
4	12.3	4	30.2	4	52.6	4	73.5	4	99.2
6	12.6	6	30.6	6	53.0	6	73.9	6	99.7
8	12.9	8	31.0	8	53.4	8	74.3	8	—
58	13.3	68	31.4	78	53.8	88	74.7	98	—
2	13.7	2	31.8	2	54.2	2	75.1	2	—
4	14.0	4	32.2	4	54.6	4	75.5	4	—
6	14.3	6	32.6	6	55.0	6	75.9	6	—
8	14.6	8	33.0	8	55.4	8	76.3	8	—
59	15.0	69	33.4	79	55.8	89	76.7	99	—
2	15.4	2	33.7	2	56.2	2	77.1	2	—
4	15.7	4	34.1	4	56.6	4	77.5	4	—
6	16.0	6	34.5	6	57.0	6	77.9	6	—
8	16.3	8	34.9	8	57.4	8	78.3	8	—
60	16.7	70	35.3	80	57.8	90	78.7	100	—

TEMPERATURE 99°

Wts. & Divs. on Stem.		Per Cent. over Proof.	Wts. & Divs. on Stem.		Per Cent. over Proof.	Wts. & Divs. on Stem.		Per Cent. over Proof.	Wts. & Divs. on Stem.		Per Cent. over Proof.	Wts. & Divs. on Stem.		Per Cent. over Proof.
0.	56.9		10.	47.4		20.	37.0		30.	25.2		40.	12.4	
2	56.7		2	47.3		2	36.7		2	24.9		2	12.1	
4	56.5		.4	47.1		.4	36.5		.4	24.7		.4	11.9	
.6	56.3		.6	46.9		.6	36.2		.6	24.5		.6	11.6	
.8	56.1		.8	46.7		.8	36.0		.8	24.3		.8	11.4	
1	55.9		11	46.5		21.	35.7		31.	24.0		41	11.1	
.2	55.7		.2	46.3		.2	35.5		.2	23.7		.2	10.8	
4	55.5		.4	46.1		.4	35.3		.4	23.5		.4	10.6	
6	55.2		.6	45.9		.6	35.1		.6	23.3		.6	10.3	
.8	55.1		.8	45.7		.8	34.9		.8	23.1		.8	10.1	
2.	54.9		12	45.5		22.	34.7		32.	22.8		42	9.8	
.2	54.8		2	45.3		2	34.5		2	22.5		2	9.5	
4	54.6		4	45.1		4	34.3		4	22.3		.4	9.3	
.6	54.4		.6	44.9		.6	34.1		.6	22.1		.6	9.0	
.8	54.2		.8	44.7		.8	33.9		.8	21.9		.8	8.8	
3.	54.1		13.	44.5		23	33.6		33	21.6		43	8.5	
2	54.0		2	44.3		2	33.4		2	21.3		.2	8.2	
.5	53.8		.4	44.1		.4	33.2		.4	21.1		.4	7.9	
.6	53.6		.6	43.9		.6	33.0		.6	20.9		.6	7.6	
.8	53.4		.8	43.7		.8	32.8		.8	20.7		.8	7.4	
4	53.3		14	43.5		24	32.5		34.	20.4		14	7.1	
2	53.1		.2	43.2		.2	32.2		.2	20.1		.2	6.8	
.4	52.9		.4	43.0		.4	32.0		.4	19.9		.4	6.5	
.6	52.7		.6	42.8		.6	31.7		.6	19.7		.6	6.2	
.8	52.5		.8	42.6		.8	31.5		.8	19.5		.8	5.9	
5	52.3		15	42.3		25	31.2		35	19.2		45	5.6	
.2	52.2		2	42.1		2	30.9		2	18.9		2	5.4	
4	52.0		4	41.9		4	30.7		.4	18.7		.4	5.1	
6	51.8		.6	41.7		.6	30.5		.6	18.4		.6	4.8	
.8	51.6		.8	41.5		.8	30.3		.8	18.2		.8	4.5	
6	51.1		16	41.2		26	30.0		36	17.9		46	4.2	
.2	51.2		2	41.0		2	29.8		2	17.6		2	4.0	
.4	51.0		.4	40.8		.4	29.6		.4	17.4		.4	3.7	
.6	50.8		.6	40.6		.6	29.4		.6	17.1		.6	3.4	
.8	50.6		.8	40.4		.8	29.2		.8	16.9		.8	3.2	
7.	50.4		17.	40.2		27	28.9		37	16.6		17	2.9	
.2	50.2		.2	40.0		.2	28.7		.2	16.3		.2	2.6	
.4	50.0		.4	39.8		.4	28.5		.4	16.1		.4	2.3	
.6	49.8		.6	39.6		.6	28.3		.6	15.8		.6	2.0	
.8	49.6		.8	39.4		.8	28.1		.8	15.6		.8	1.8	
8.	49.4		18.	39.1		28.	27.8		38	15.3		48	1.5	
2	49.2		2	38.9		2	27.6		.2	14.9		.2	1.2	
.4	49.0		.4	38.7		.4	27.3		.4	14.6		.4	.9	
.6	48.8		.6	38.5		.6	27.0		.6	14.3		.6	.6	
.8	48.6		.8	38.3		.8	26.7		.8	14.0		.8	.3	
9	48.4		19.	38.1		29.	26.4		39	13.7		49		
2	48.2		2	37.9		2	26.1		.2	13.5		.2	.3	
.4	48.0		.4	37.7		.4	25.9		.4	13.2		.4	.9	
.6	47.8		.6	37.5		.6	25.7		.6	12.9		.6	.6	
.8	47.6		.8	37.3		.8	25.5		.8	12.7		.8	1.2	
10.	47.4		20	37.0		30.	25.2		40.	12.4		50.	1.0	

TEMPERATURE 99°.

Wts & Dvs. on Stem.	Per Cent. under Proof.	Wts & Dvs. on Stem.	Per Cent. under Proof.	Wts & Dvs. on Stem.	Per Cent. under Proof.	Wts & Dvs. on Stem.	Per Cent. under Proof.	Wts & Dvs. on Stem.	Per Cent. under Proof.	Wts & Dvs. on Stem.	Per Cent. under Proof.
50	16	60	17.1	70	36.0	80	61.1	90	81.1		
2	19	2	17.4	2	36.5	2	61.3	2	81.6		
4	21	4	17.8	4	36.9	4	61.6	4	82.1		
6	24	6	18.2	6	37.3	6	61.9	6	82.6		
.8	26	8	18.6	8	37.7	8	62.2	.8	83.1		
51.	29	61	19.0	71	38.2	81	62.5	91.	83.7		
2	31	2	19.4	2	38.7	.2	62.8	.2	84.2		
4	34	.4	19.7	.4	39.1	4	63.1	.4	84.7		
6	37	6	20.0	6	39.5	.6	63.4	.6	85.2		
8	40	.8	20.3	8	39.9	.8	63.7	8	85.7		
52	43	62	20.7	72	40.4	82	64.0	92.	86.3		
2	46	.2	21.0	2	40.9	2	64.3	.2	86.9		
4	49	4	21.3	4	41.3	4	64.6	4	87.4		
6	52	6	21.7	6	41.7	6	64.9	6	87.9		
8	55	8	22.1	8	42.1	8	65.2	8	88.4		
53	58	63.	22.4	73	42.6	83	65.5	93	89.0		
2	61	2	22.7	2	43.1	2	65.8	2	89.6		
4	64	.4	23.1	.4	43.6	4	66.2	.4	90.1		
6	67	6	23.5	6	44.1	6	66.6	6	90.6		
8	70	8	23.9	8	44.6	8	67.0	8	91.1		
54	73	64	24.2	74	45.2	84	67.3	94	91.7		
2	76	2	24.5	2	45.7	2	67.7	.2	92.2		
4	79	.4	24.9	.4	46.2	.4	68.2	.4	92.7		
6	82	6	25.3	6	46.7	6	68.7	6	93.2		
8	85	8	25.7	8	47.2	8	69.2	8	93.7		
55	88	65	26.0	75	47.7	85	69.6	95	94.1		
2	92	2	26.3	2	48.2	.2	70.0	.2	94.5		
4	95	4	26.7	4	48.7	4	70.4	4	95.0		
.6	99	.6	27.1	.6	49.2	.6	70.8	.6	95.5		
8	102	8	27.5	8	49.7	8	71.2	8	96.0		
56	106	66	27.9	76	50.2	86	71.6	96	96.4		
2	109	2	28.3	2	50.7	2	72.1	2	96.8		
4	112	4	28.7	.4	51.2	.4	72.6	.4	97.2		
6	115	.6	29.1	6	51.7	6	73.1	6	97.6		
8	118	8	29.5	8	52.2	8	73.6	8	98.0		
57	121	67	29.9	77.	52.7	87.	74.0	97.	98.5		
2	124	2	30.2	.2	53.2	.2	74.5	.2	99.0		
4	127	.4	30.6	.4	53.8	.4	75.0	.4	99.5		
.6	130	.6	31.0	6	54.4	6	75.5	6	100.0		
8	133	8	31.4	8	55.0	.8	76.0	.8	—		
58	137	68	31.8	78	55.6	88.	76.4	98.	—		
2	141	2	32.2	2	56.1	.2	76.9	.2	—		
.4	144	.4	32.6	.4	56.7	.4	77.4	.4	—		
6	147	6	33.0	6	57.3	.6	77.9	6	—		
.8	150	.8	33.4	.8	57.9	.8	78.4	.8	—		
59.	154	69	33.8	79	58.5	89.	78.9	99.	—		
2	158	2	34.2	.2	59.0	2	79.4	.2	—		
.4	161	.4	34.6	.4	59.5	.4	79.9	.4	—		
.6	164	.6	35.0	.6	60.0	.6	80.3	.6	—		
.8	167	8	35.5	.8	60.5	.8	80.7	.8	—		
60.	17.1	70.	36.0	80.	61.1	90	81.1	100.	—		

TEMPERATURE 100°

Wts. & Divs. on Stem.	Per Cent. over Proof	Wts. & Divs. on Stem.	Per Cent. over Proof	Wts. & Divs. on Stem.	Per Cent. over Proof	Wts. & Divs. on Stem.	Per Cent. over Proof	Wts. & Divs. on Stem.	Per Cent. over Proof
0.	56.7	10.	47.2	20.	36.6	30.	24.8	40.	12.1
.2	56.5	.2	47.1	.2	36.3	.2	24.5	.2	11.8
.4	56.3	.4	46.9	.4	36.0	.4	24.3	.4	11.6
.6	56.1	.6	46.7	.6	35.8	.6	24.1	.6	11.3
.8	55.9	.8	46.5	.8	35.6	.8	23.9	.8	11.1
1	55.7	11.	46.3	21.	35.3	31.	23.6	41.	10.8
.2	55.5	.2	46.1	.2	35.1	.2	23.3	.2	10.5
.4	55.3	.4	45.9	.4	34.9	.4	23.1	.4	10.3
.6	55.1	.6	45.7	.6	34.7	.6	22.9	.6	10.0
.8	54.9	.8	45.5	.8	34.5	.8	22.7	.8	9.8
2	54.7	12.	45.3	22.	34.3	32.	22.4	42.	9.5
.2	54.6	.2	45.0	.2	34.1	.2	22.1	.2	9.2
.4	54.4	.4	44.8	.4	33.9	.4	21.9	.4	9.0
.6	54.2	.6	44.6	.6	33.7	.6	21.7	.6	8.7
.8	54.0	.8	44.4	.8	33.5	.8	21.5	.8	8.5
3	53.9	13.	44.2	23.	33.2	33.	21.2	43.	8.2
.2	53.8	.2	44.0	.2	33.0	.2	20.9	.2	7.9
.4	53.6	.4	43.8	.4	32.8	.4	20.7	.4	7.6
.6	53.4	.6	43.6	.6	32.6	.6	20.5	.6	7.4
.8	53.2	.8	43.4	.8	32.4	.8	20.3	.8	7.1
4	53.0	14.	43.2	24.	32.1	34.	20.0	44.	6.8
.2	52.9	.2	42.9	.2	31.8	.2	19.7	.2	6.5
.4	52.7	.4	42.7	.4	31.6	.4	19.5	.4	6.2
.6	52.5	.6	42.5	.6	31.3	.6	19.3	.6	5.9
.8	52.3	.8	42.3	.8	31.1	.8	19.1	.8	5.6
5.	52.1	15.	42.0	25.	30.8	35.	18.8	45.	5.3
.2	52.0	.2	41.8	.2	30.5	.2	18.5	.2	5.1
.4	51.8	.4	41.6	.4	30.3	.4	18.3	.4	4.8
.6	51.6	.6	41.4	.6	30.1	.6	18.0	.6	4.5
.8	51.4	.8	41.2	.8	29.9	.8	17.8	.8	4.2
6	51.2	16.	40.9	26.	29.6	36.	17.5	46.	3.9
.2	51.0	.2	40.7	.2	29.4	.2	17.2	.2	3.7
.4	50.8	.4	40.5	.4	29.2	.4	17.0	.4	3.4
.6	50.6	.6	40.3	.6	29.0	.6	16.7	.6	3.1
.8	50.4	.8	40.1	.8	28.8	.8	16.5	.8	2.9
7.	50.2	17.	39.9	27.	28.5	37.	16.2	47.	2.6
.2	50.0	.2	39.6	.2	28.3	.2	15.9	.2	2.3
.4	49.8	.4	39.4	.4	28.1	.4	15.7	.4	2.0
.6	49.6	.6	39.2	.6	27.9	.6	15.4	.6	1.8
.8	49.4	.8	39.0	.8	27.7	.8	15.2	.8	1.5
8	49.2	18.	38.7	28.	27.4	38.	14.9	48.	1.2
.2	49.0	.2	38.5	.2	27.2	.2	14.6	.2	.9
.4	48.8	.4	38.3	.4	26.9	.4	14.3	.4	.6
.6	48.6	.6	38.1	.6	26.6	.6	14.0	.6	.3
.8	48.4	.8	37.9	.8	26.3	.8	13.7	.8	
9	48.2	19.	37.7	29.	26.0	39.	13.4	49.	.3
.2	48.0	.2	37.5	.2	25.7	.2	13.2	.2	.6
.4	47.8	.4	37.3	.4	25.5	.4	12.9	.4	.9
.6	47.6	.6	37.1	.6	25.3	.6	12.6	.6	1.2
.8	47.4	.8	36.9	.8	25.1	.8	12.4	.8	1.5
10.	47.2	20.	36.6	30.	24.8	40.	12.1	50.	1.0

TEMPERATURE 100°.

Wts. & Dvs. on Stem.	Per Cent. under Proof.	Wts. & Dvs. on Stem.	Per Cent. under Proof.	Wts. & Dvs. on Stem.	Per Cent. under Proof.	Wts. & Dvs. on Stem.	Per Cent. under Proof.	Wts. & Dvs. on Stem.	Per Cent. under Proof.
50.	1.0	00	17.0	70.	30.4	80.	61.6	90.	81.4
.2	2.2	.2	17.9	.2	36.9	.2	61.8	.2	81.9
.4	2.4	.4	18.3	.4	37.3	.4	62.1	.4	82.4
.6	2.7	.6	18.7	.6	37.7	.6	62.4	.6	82.0
.8	3.0	.8	19.1	.8	38.1	.8	62.7	.8	83.4
51.	3.3	61	19.5	71.	38.6	81	63.0	91	83.0
.2	3.5	.2	19.9	.2	39.1	.2	63.3	.2	84.4
.4	3.8	.4	20.2	.4	39.5	.4	63.6	.4	84.0
.6	4.1	.6	20.5	.6	40.0	.6	63.9	.6	85.4
.8	4.4	.8	20.8	.8	40.4	.8	64.2	.8	85.0
52.	4.7	02.	21.2	72.	40.9	82.	64.5	92.	80.5
.2	5.0	.2	21.5	.2	41.4	.2	64.8	.2	87.1
.4	5.3	.4	21.8	.4	41.8	.4	65.1	.4	87.6
.6	5.6	.6	22.2	.6	42.3	.6	65.4	.6	88.1
.8	5.9	.8	22.6	.8	42.7	.8	65.7	.8	88.6
53.	6.2	63	22.9	73.	43.2	83.	66.0	93.	89.1
.2	6.5	.2	23.2	.2	43.7	.2	66.3	.2	89.7
.4	6.8	.4	23.6	.4	44.2	.4	66.7	.4	90.2
.6	7.1	.6	24.0	.6	44.7	.6	67.1	.6	90.7
.8	7.4	.8	24.4	.8	45.2	.8	67.5	.8	91.2
54.	7.7	64	24.7	74.	45.8	84.	67.8	94.	91.8
.2	8.0	.2	25.0	.2	46.3	.2	68.3	.2	92.3
.4	8.3	.4	25.4	.4	46.8	.4	68.7	.4	92.8
.6	8.6	.6	25.8	.6	47.3	.6	69.1	.6	93.3
.8	8.9	.8	26.2	.8	47.8	.8	69.5	.8	93.8
55.	9.2	65	26.5	75.	48.3	85.	70.0	95.	94.2
.2	9.6	.2	26.8	.2	48.7	.2	70.4	.2	94.6
.4	9.9	.4	27.2	.4	49.2	.4	70.8	.4	95.1
.6	10.3	.6	27.6	.6	49.7	.6	71.2	.6	95.6
.8	10.6	.8	28.0	.8	50.2	.8	71.6	.8	96.1
56.	11.0	66	28.4	76.	50.7	86.	72.0	96.	96.5
.2	11.3	.2	28.8	.2	51.2	.2	72.4	.2	97.0
.4	11.6	.4	29.2	.4	51.7	.4	72.9	.4	97.4
.6	11.9	.6	29.6	.6	52.2	.6	73.4	.6	97.8
.8	12.2	.8	30.0	.8	52.7	.8	73.9	.8	98.2
57.	12.5	67.	30.4	77.	53.3	87.	74.3	97.	98.7
.2	12.9	.2	30.7	.2	53.8	.2	74.7	.2	99.2
.4	13.2	.4	31.1	.4	54.4	.4	75.2	.4	99.7
.6	13.5	.6	31.5	.6	55.0	.6	75.7	.6	—
.8	13.8	.8	31.9	.8	55.5	.8	76.2	.8	—
58.	14.2	68.	32.3	78.	56.1	88.	76.6	98.	—
.2	14.6	.2	32.7	.2	56.6	.2	77.1	.2	—
.4	14.9	.4	33.1	.4	57.2	.4	77.6	.4	—
.6	15.2	.6	33.5	.6	57.8	.6	78.1	.6	—
.8	15.5	.8	33.9	.8	58.4	.8	78.6	.8	—
59.	15.9	69.	34.3	79.	59.0	89.	79.1	99.	—
.2	16.3	.2	34.7	.2	59.5	.2	79.6	.2	—
.4	16.6	.4	35.1	.4	60.0	.4	80.1	.4	—
.6	16.9	.6	35.5	.6	60.5	.6	80.5	.6	—
.8	17.2	.8	35.9	.8	61.0	.8	80.9	.8	—
60.	17.6	70.	36.4	80.	61.6	90.	81.4	100	—

THE apparent mystification arising from the multiplicity of figures adopted in all specific gravity tables heretofore published has led to my compiling the following simple tables, by which the specific gravity, or weight of spirits, may be readily ascertained.

The following tables of specific gravity correspond to every indication of Sikes's Hydrometer at temperature 60°, and will be found useful in shewing the exact specific gravity of any strength of spirits from 70 per cent. over proof down to water, at each degree of temperature, which specific gravity is the decimal weight per imperial gallon. The imperial gallon of distilled or pure water at temperature 62°, weighs 10 lbs. avoirdupois, the specific gravity being denoted as 1000. A gallon of spirits, whose specific gravity is 900, weighs 9lbs. per gallon, &c.

TO EXEMPLIFY THE TABLES.

First find the strength and temperature required by Sikes's tables, and facing the strength will be found the Hydrometric Indication, which note; then refer to the specific gravity tables for the indication so found, facing which is denoted the specific gravity or decimal weight per gallon.

EXAMPLES.

It is required to know the specific gravity of proof spirits at Temperature 50°: open Sikes's tables at Temperature 50°, and facing proof the indication will be 61, then find that indication (61) in the specific gravity tables, facing which will be 9.241, the true specific gravity at 50° Temperature, or 9lbs. 3ozs. 13drms. per imperial gallon.

Required the specific gravity of spirits at 55 over proof at Temperature 40°: facing 55 over proof at 40° Temperature, the indication will be 18.8, and facing 18.8 in the specific

gravity tables will be 8.486 specific gravity, or 8lbs. 7ozs. 13drms. per imperial gallon.

Required the specific gravity of spirits at 22 under proof at Temperature 65°: facing 22 under proof at 65° Temperature, the indication will be 70.6, and facing 70.6, in the specific gravity tables will be 9.426 specific gravity, or 9lbs. 6ozs. 14drms. per imperial gallon.

NOTE.—The last figure of the specific gravity may be omitted if under 5, and if over 5, add one to the preceding figure, thus 9.426 will be 9.43, and 9.241 will be 9.24.

The Tables (No. 2) denote what each degree of specific gravity is in ounces and drams, which if added to 800 (8lbs. per gallon), or 900 (9lbs. per gallon), respectively, will be the exact weight per imperial gallon.

EXAMPLE.

Required the weight per gallon at proof, Temperature 50°, the specific gravity is 9.241.

	lbs.	oz.	dms
900	is 9	0	0
241 or 24	is 0	3	13

lbs. 9 3 13 per imp. gall.

Required the weight per gallon at 55 over proof, Temperature 40°, the specific gravity is 8.486.

	lbs.	oz.	dms
800	is 8	0	0
486 or 49	is 0	7	13

lbs. 8 7 13 per imp. gall.

Required the weight per gallon at 22 under proof, Temperature 65°, the specific gravity is 9.426.

	lbs.	oz.	dms
900	is 9	0	0
426 or 43	is 0	6	14

lbs. 9 6 14

SPECIFIC GRAVITY.—TABLE 1.

Wts.&Divs. on Stem.	Specific Gravity.	Wts.&Divs. on Stem.	Specific Gravity.	Wts.&Divs. on Stem.	Specific Gravity.	Wts.&Divs. on Stem.	Specific Gravity.	Wts.&Divs. on Stem.	Specific Gravity.
0.	8.156	10.	8.333	20.	8.506	30.	8.678	40.	8.854
.2	8.160	.2	8.336	.2	8.510	.2	8.681	.2	8.858
.4	8.163	.4	8.340	.4	8.513	.4	8.685	.4	8.861
.6	8.167	.6	8.344	.6	8.516	.6	8.688	.6	8.865
.8	8.170	.8	8.347	.8	8.520	.8	8.692	.8	8.869
1.	8.174	11.	8.351	21.	8.523	31.	8.695	41.	8.872
.2	8.178	.2	8.354	.2	8.527	.2	8.699	.2	8.876
.4	8.181	.4	8.358	.4	8.530	.4	8.702	.4	8.879
.6	8.185	.6	8.362	.6	8.533	.6	8.706	.6	8.883
.8	8.188	.8	8.365	.8	8.537	.8	8.709	.8	8.886
2.	8.192	12.	8.369	22.	8.540	32.	8.713	42.	8.890
.2	8.196	.2	8.372	.2	8.543	.2	8.716	.2	8.894
.4	8.199	.4	8.376	.4	8.547	.4	8.720	.4	8.897
.6	8.203	.6	8.379	.6	8.550	.6	8.723	.6	8.901
.8	8.206	.8	8.383	.8	8.553	.8	8.727	.8	8.904
3.	8.210	13.	8.386	23.	8.556	33.	8.730	43.	8.908
.2	8.214	.2	8.390	.2	8.560	.2	8.734	.2	8.912
.4	8.218	.4	8.393	.4	8.563	.4	8.737	.4	8.915
.6	8.221	.6	8.396	.6	8.566	.6	8.741	.6	8.919
.8	8.224	.8	8.400	.8	8.570	.8	8.744	.8	8.922
4.	8.227	14.	8.403	24.	8.573	34.	8.748	44.	8.926
.2	8.231	.2	8.407	.2	8.577	.2	8.751	.2	8.930
.4	8.234	.4	8.410	.4	8.580	.4	8.755	.4	8.933
.6	8.238	.6	8.413	.6	8.583	.6	8.758	.6	8.937
.8	8.242	.8	8.417	.8	8.587	.8	8.762	.8	8.940
5.	8.245	15.	8.420	25.	8.590	35.	8.765	45.	8.944
.2	8.249	.2	8.424	.2	8.594	.2	8.769	.2	8.948
.4	8.252	.4	8.427	.4	8.597	.4	8.772	.4	8.951
.6	8.256	.6	8.431	.6	8.601	.6	8.776	.6	8.955
.8	8.259	.8	8.434	.8	8.604	.8	8.779	.8	8.959
6.	8.263	16.	8.438	26.	8.608	36.	8.783	46.	8.963
.2	8.266	.2	8.441	.2	8.611	.2	8.786	.2	8.966
.4	8.270	.4	8.445	.4	8.615	.4	8.790	.4	8.970
.6	8.273	.6	8.448	.6	8.618	.6	8.793	.6	8.974
.8	8.277	.8	8.452	.8	8.622	.8	8.797	.8	8.977
7.	8.280	17.	8.455	27.	8.625	37.	8.800	47.	8.981
.2	8.284	.2	8.459	.2	8.629	.2	8.804	.2	8.985
.4	8.287	.4	8.462	.4	8.632	.4	8.807	.4	8.989
.6	8.291	.6	8.465	.6	8.636	.6	8.811	.6	8.992
.8	8.294	.8	8.469	.8	8.639	.8	8.814	.8	8.996
8.	8.298	18.	8.472	28.	8.643	38.	8.818	48.	9.000
.2	8.301	.2	8.476	.2	8.646	.2	8.822	.2	9.004
.4	8.305	.4	8.480	.4	8.650	.4	8.825	.4	9.008
.6	8.308	.6	8.482	.6	8.653	.6	8.829	.6	9.011
.8	8.312	.8	8.486	.8	8.657	.8	8.832	.8	9.015
9.	8.315	19.	8.490	29.	8.660	39.	8.836	49.	9.019
.2	8.319	.2	8.493	.2	8.664	.2	8.840	.2	9.023
.4	8.322	.4	8.496	.4	8.667	.4	8.843	.4	9.026
.6	8.326	.6	8.499	.6	8.671	.6	8.847	.6	9.030
.8	8.329	.8	8.503	.8	8.674	.8	8.850	.8	9.034
10.	8.333	20.	8.506	30.	8.678	40.	8.854	50.	9.038

SPECIFIC GRAVITY.—TABLE 1.

Wts. & Divs. on Stem.	Specific Gravity.	Wts. & Divs. on Stem.	Specific Gravity.	Wts. & Divs. on Stem.	Specific Gravity.	Wts. & Divs. on Stem.	Specific Gravity.	Wts. & Divs. on Stem.	Specific Gravity.
50.	0 038	60	0 222	70	0 415	80	0 607	90.	0 800
2	0 041	2	0 226	2	0 419	2	0 611	2	0 810
4	0 045	4	0 229	4	0 422	4	0 615	4	0 814
6	0 049	6	0 233	6	0 426	6	0 619	6	0 818
8	0 052	8	0 237	8	0 430	8	0 623	8	0 822
51	0 056	01	0 241	71	0 434	81	0 627	01	0 826
2	0 060	2	0 244	2	0 437	2	0 631	2	0 830
4	0 064	4	0 248	4	0 441	4	0 635	4	0 834
6	0 067	6	0 252	6	0 445	6	0 638	6	0 838
8	0 071	8	0 255	8	0 448	8	0 642	8	0 842
52	0 075	02	0 259	72	0 452	82	0 646	02	0 846
2	0 079	2	0 263	2	0 456	2	0 650	2	0 850
4	0 082	4	0 267	4	0 460	4	0 654	4	0 854
6	0 085	6	0 270	6	0 464	6	0 657	6	0 858
8	0 089	8	0 274	8	0 468	8	0 661	8	0 862
53	0 093	03	0 278	73	0 472	83	0 665	03	0 866
2	0 097	2	0 282	2	0 476	2	0 669	2	0 870
4	0 100	4	0 286	4	0 480	4	0 673	4	0 874
6	0 104	6	0 290	6	0 484	6	0 677	6	0 878
8	0 107	8	0 293	8	0 488	8	0 681	8	0 882
54	0 111	04	0 297	74	0 492	84	0 685	04	0 886
2	0 115	2	0 302	2	0 496	2	0 689	2	0 890
4	0 118	4	0 306	4	0 499	4	0 693	4	0 894
6	0 122	6	0 310	6	0 503	6	0 697	6	0 898
8	0 126	8	0 314	8	0 507	8	0 701	8	0 902
55	0 130	05	0 318	75	0 511	85	0 705	05	0 906
2	0 134	2	0 322	2	0 515	2	0 709	2	0 910
4	0 137	4	0 326	4	0 519	4	0 713	4	0 914
6	0 141	6	0 329	6	0 522	6	0 718	6	0 918
8	0 145	8	0 333	8	0 526	8	0 722	8	0 922
56	0 148	06	0 337	76	0 530	86	0 726	06	0 926
2	0 152	2	0 341	2	0 534	2	0 730	2	0 930
4	0 156	4	0 345	4	0 538	4	0 734	4	0 934
6	0 159	6	0 349	6	0 542	6	0 738	6	0 938
8	0 163	8	0 353	8	0 546	8	0 742	8	0 942
57	0 167	07	0 357	77	0 550	87	0 746	07	0 946
2	0 170	2	0 360	2	0 553	2	0 750	2	0 950
4	0 174	4	0 364	4	0 557	4	0 754	4	0 954
6	0 178	6	0 368	6	0 561	6	0 758	6	0 958
8	0 182	8	0 372	8	0 565	8	0 762	8	0 962
58	0 185	08	0 376	78	0 569	88	0 766	08	0 966
2	0 189	2	0 380	2	0 573	2	0 770	2	0 970
4	0 192	4	0 384	4	0 577	4	0 774	4	0 974
6		6	0 388	6	0 580	6	0 778	6	0 978
8		8	0 392	8	0 584	8	0 782	8	0 982
59	0 204	09	0 396	79	0 588	89	0 786	09	0 986
2	0 207	2	0 399	2	0 592	2	0 790	2	0 990
4	0 210	4	0 403	4	0 596	4	0 794	4	0 994
6	0 214	6	0 407	6	0 599	6	0 798	6	0 998
8	0 218	8	0 411	8	0 603	8	0 802	8	1 000
60	0 222	70	0 415	80	0 607	90	0 806	100	

TABLE 2.

Degrees of Specific Gravity.	Oz. Drams.	Degrees of Specific Gravity.	Oz. Drams.	Degrees of Specific Gravity.	Oz. Drams.	Degrees of Specific Gravity.	Oz. Drams.
1	2½	26	4 2½	51	8 2½	76	12 2½
2	5	27	4 5	52	8 5	77	12 5
3	7½	28	4 7½	53	8 7½	78	12 7½
4	10	29	4 10	54	8 10	79	12 10
5	12½	30	4 12½	55	8 12½	80	12 12½
6	15	31	4 15	56	8 15	81	12 15
7	1 1½	32	5 1½	57	9 1½	82	13 1½
8	1 4½	33	5 4½	58	9 4½	83	13 4½
9	1 7	34	5 7	59	9 7	84	13 7
10	1 9½	35	5 9½	60	9 9½	85	13 9½
11	1 12	36	5 12	61	9 12	86	13 12
12	1 14½	37	5 14½	62	9 14½	87	13 14½
13	2 1	38	6 1	63	10 1	88	14 1
14	2 3½	39	6 3½	64	10 3½	89	14 3½
15	2 6	40	6 6	65	10 6	90	14 6
16	2 8½	41	6 8½	66	10 8½	91	14 8½
17	2 11½	42	6 11½	67	10 11½	92	14 11½
18	2 14	43	6 14	68	10 14	93	14 14
19	3 0½	44	7 0½	69	11 0½	94	15 0½
20	3 3	45	7 3	70	11 3	95	15 3
21	3 5½	46	7 5½	71	11 5½	96	15 5½
22	3 8	47	7 8	72	11 8	97	15 8
23	3 10½	48	7 10½	73	11 10½	98	15 10½
24	3 13	49	7 13	74	11 13	99	15 13
25	4 0	50	8 0	75	12 0	100	1 lb.

